Johnson C. Smith University

CATALOG 1974-75

the catalog—its contents

calendar / 3

then and now / 5

student life / 15

admissions and finances / 25

academic information / 44

the people of jcsu / 106

Johnson C. Smith University
Charlotte, North Carolina 28216
704-372-2370

Johnson C. Smith University

CATALOG 1974-75

MEMBER

of

Southern Association of Colleges and Schools

Association of American Colleges

American Council on Education

American Association of Colleges for Teacher Education

Council of Protestant Colleges and Universities

North Carolina Association of Independent Colleges and Universities

North Carolina Association of Colleges and Universities
College Entrance Examination Board

Presbyterian College Union

United Negro College Fund

Piedmont University Center

Charlotte Area Educational Consortium

APPROVED

by

The American Medical Association

American Association of University Women

UNIVERSITY CALENDAR
Fall Semester 1974-75

August 25	Residence halls open to Freshmen at noon. The first meal will be served at the evening meal hours.
August 26	Pre-school Conference
August 26-28	Freshmen Orientation. This includes health examinations, written tests, orientation sessions and registration. All freshmen who plan to enroll for the first semester should report to the campus Monday, August 26, by 8:00 a.m.
August 29-30	Registration of Freshmen
September 3	Registration of Upper Classmen
September 4	First day of classes
September 10	Opening Convocation
September 11	Last day to enter for the Fall Semester
September 11	Last day for adding courses
October 10	Handwriting and Spelling Test for Teacher-Education Program
October 18	Candidates completing requirements for graduation at the close of the Winter Semester must file application for degrees in the Office of the Registrar on or before this date.
November 1	Alumni Day (no classes)
November 2	Homecoming
November 11	Last day for dropping courses
November 11-13	Preregistration for Spring Semester
November 27	Thanksgiving Recess begins at 1:00 p.m.
November 28-December 1	Thanksgiving Recess
December 8	Annual Christmas Program by the Music Department
December 11-14	Fall Semester Examinations
December 15-January 5	The Christmas Recess. Residence halls and dining hall will close Sunday, 5:00 p.m. December 15

Spring Semester

January 5-6	Orientation—Freshmen and transfer students entering Spring Semester
January 6	Faculty Pre-Semester Meeting (9:00 a.m.-12:00 noon)
January 6	Returning students should report on this day to obtain registration permits and consult with faculty advisers
January 7	Registration of ALL students
January 8	First day of classes
January 15	Birthday of Martin Luther King, Jr.
January 15	Last day to enter for Spring Semester
January 15	Last day for adding courses
February	Black History Recognition
February 18	Handwriting and Spelling Test for Teacher-Education Program
February 19	Candidates completing requirements must file applications for degrees
February 23-27	Spiritual Emphasis Week
March 10-15	Women's Week
March 22-31	Spring Recess begins at the close of class day, Friday, March 21, 1975
March 30	Easter Sunday
April 6	Founders' Day Convocation
April 19	Last day for dropping courses
April 21-27	Men's Week
April 28-30	Preregistration for Fall Semester
May 2	Last day of classes for seniors
May 5-6	Reading period for seniors
May 6	Last day of classes
May 7-10	Senior Semester Examinations
May 7-9	Reading period for students other than seniors
May 10-15	Spring Semester Examinations
May 16-17	Commencement Activities
May 18	Commencement
May 19-20	Faculty Post School Conference

Then and Now

HISTORY

In 1867 Reverend S. C. Alexander and Reverend W. L. Miller saw the need of establishing an institution in this section of the South and began devising such plans as would secure the desired results. On April 7, 1867, at a meeting of the Catawba Presbytery in the old Charlotte Presbyterian Church, formerly located at the corner of D and Fourth Streets, Charlotte, North Carolina, the movement for the school was formally inaugurated and the Reverends S. C. Alexander and W. L. Miller were elected as teachers.

Information concerning the establishing of the school was brought to the attention of Mrs. Mary D. Biddle, an excellent Churchwoman of Philadelphia, Pennsylvania, who through appeals on behalf of the work in one of the Church papers pledged $1,400. In appreciation of this first and generous contribution, friends of the project requested of Mrs. Biddle the privilege of naming the newly-established school after her late husband, Major Henry Biddle. The request being granted, the school was named "The Biddle Memorial Institute" and later was chartered by the State Legislature under that name. The first eight acres of land used as the site for the school were donated by Colonel W. R. Myers, a wealthy citizen of Charlotte, North Carolina. From 1867 to 1876 the school was known as the Biddle Memorial Institute. In 1876 the charter was changed by the Legislature of North Carolina and the name of the school became Biddle University. The institution operated under this name until 1923.

During the season of 1921-22 the late Mrs. Jane Berry Smith, of Pittsburgh, Pennsylvania, gave funds for the erection of a Theological Dormitory, a Science Hall, a Teacher's Cottage, and a Memorial Gate at Biddle University. In addition, she made provision for a handsome endowment for the institution in memory of her late husband, Mr. Johnson C. Smith. In recognition of these generous benefactions the Board of Trustees voted to change the name of the institution to Johnson C. Smith University. The charter of the school accordingly was so amended, March 1, 1923, by the Legislature of the State of North Carolina. From 1923 until her death in October 1929, Mrs. Smith gave funds for the erection of five more buildings, including a campus church.

The University was further strengthened in 1924-1925 from a substantial provision made by James B. Duke, a wealthy, "wise magnanimous" businessman of Somerville, New Jersey. Mr. Duke also had a home in Charlotte and had been contacted by the President of the University, Dr. H. L. McCrorey, several years earlier for a contribution. He did not respond to Dr. McCrorey's letter. But when Mr. Duke authorized the establishment of the Duke Endowment on December 11, 1924, Johnson C. Smith University was included as one of the beneficiaries. Through the years the Duke Endowment has been of inestimable value to the continued development of the University.

The institution was recognized that year by the North Carolina State Board of Education as a four year college. In 1929 the High School Department was discontinued and the standard program was restricted to a college of liberal arts and sciences and a Theological Department.

In 1932 the University's charter was amended providing for the admission of women to its senior division. The 65-year-old institution for men then became partially co-educational.

In 1938, the institution attained the status of an independent college, affiliated with the Presbyterian Church in the United States of America, reporting to the General Assembly through the Board of Christian Education.

The first residence hall for women, named in memory of James B. Duke, was dedicated in 1940. In 1941, women were admitted to the freshman class. When the Diamond Jubilee was celebrated in 1942, the University was a fully co-educational institution.

Johnson C. Smith University joined the United Negro College Fund in 1944. This Fund was organized primarily to help church-related schools of higher learning to revamp their training program, expand their plants, promote faculty growth and create new areas of service. The institution's membership in the Fund began to bear fruit immediately.

In November 1955, the Henry Lawrence McCrorey Theological Building was dedicated and provided a new home for the 88-year-old seminary and its library. This new facility also provided space for a small chapel, classrooms and spaces for offices. In 1969, the Theological Department was moved from Charlotte, North Carolina to Atlanta, Georgia and became a part of the Interdenominational Theological Center. The McCrorey Hall is now a classroom building for religious education, philosophy, sociology and other classes.

Through increasing support from the Duke Endowment, the United Negro College Fund and other sources, the years between

1955 and 1968 was a period of expansion of the physical plant and the enrichment of the curriculum. Seven new buildings were erected during this period: the new Gymnasium with a standardized swimming pool, making it possible to add swimming to the general education requirements for graduation, (1960); the Hardy Liston Residence Hall for women, (1962); the University Memorial Union, containing a canteen, dining hall, faculty and student lounges, bookstore, post office, office spaces and living quarters for guests, (1965); the Duke Memorial Library, (1967); a new science building, (1968); Myers Residence Hall for men and Sanders Residence Hall for women (1967).

The institution completed in 1966 a two-year self-study program which resulted in significant innovations in the curriculum. The year 1967 was a memorable year to all Johnson C. Smith University (formerly Biddle) alumni and friends wherever they were located. The University had reached its one-hundredth anniversary. During this historic centennial occasion, the Institution took stock of its past achievements and made innovative and creative plans for the future.

The present site contains 75 acres of land and 30 buildings. The University personnel consists of over a thousand students, and approximately 200 full time faculty members, administrators, and staff for administrative and support services.

Increasingly aware that today's demand for truly educated men and women is the most pressing in history and that quality and versatility are prerequisite to equal opportunity for all, Johnson C. Smith faces the challenge of her second century with new vision and a calculated plan of action.

Statement of Purpose

Johnson C. Smith University, an independent, private college of liberal arts, was founded under the auspices of the Committee on Freedmen of the Presbyterian Church, U.S.A. The original purpose, which was to provide an institution of training "for the ministry, for catechists and for teachers," has been greatly expanded. At the present time, Johnson C. Smith University exists as an undergraduate institution of higher learning, offering varied fields of study in the context of the small liberal arts college tradition, and is open to all qualified persons.

The general purpose of Johnson C. Smith University is to provide an environment in which men and women may realize as fully as possible their individual potential for intellectual, social, spiritual, emotional, and physical growth and well-being. In terms of intellectual growth, the purpose is to encourage and develop objective, critical, and creative thinking, together with the ability to communicate thoughts and feelings effectively. In terms of social growth, the purpose is to develop the sensitivity and capability necessary for constructive human relationships at all levels of interaction, both with other individuals and with groups. In terms of spiritual growth, the purpose is to offer avenues for examining and expressing religious, moral, and aesthetic values and commitments. In terms of emotional growth, the purpose is to provide assistance in the continuing development of realistic self-understanding and self-acceptance. In terms of physical growth, the purpose is to provide for both theoretical understanding and practical implementation of the conditions necessary for the physical well-being of the individual and the community.

In the realization of these general goals of liberal arts education, Johnson C. Smith University has certain specific concerns and distinctive emphases which give the institution its individuality and identity. The special characteristics of Johnson C. Smith University include the following:

1. Effective relationships between the theoretical and the practical, between the development of the basic tools of communication and their application to various occupational fields
2. Primary emphasis upon teaching as the basic function of the faculty, with provisions for continuing evaluation, research, and improvement of the teaching-learning process
3. Concerted efforts to meet actual needs of all students by devising specially-designed programs both for the marginally prepared and for the exceptionally well prepared, as well as enriched and innovative programs for the adequately prepared

4. Explicit attention given to the experiences, outlook, and needs of particular cultural groups with the constant endeavor to integrate this concentration into the study and appreciation of American and other cultures

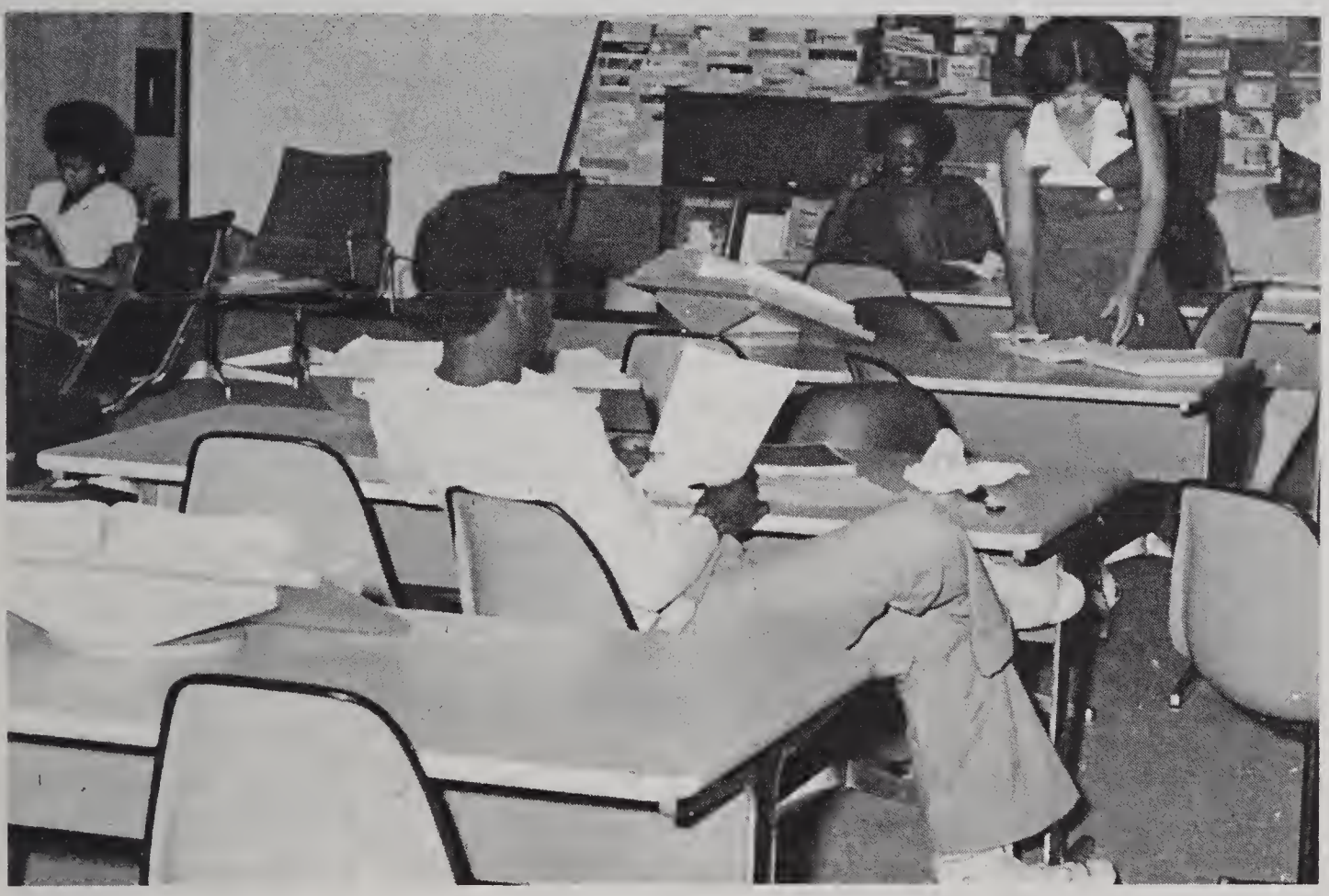
5. Acknowledgment of the history and current relevance of the religious heritage of man, as well as the development of new ways for relating the religious orientation and tradition of this institution to that heritage

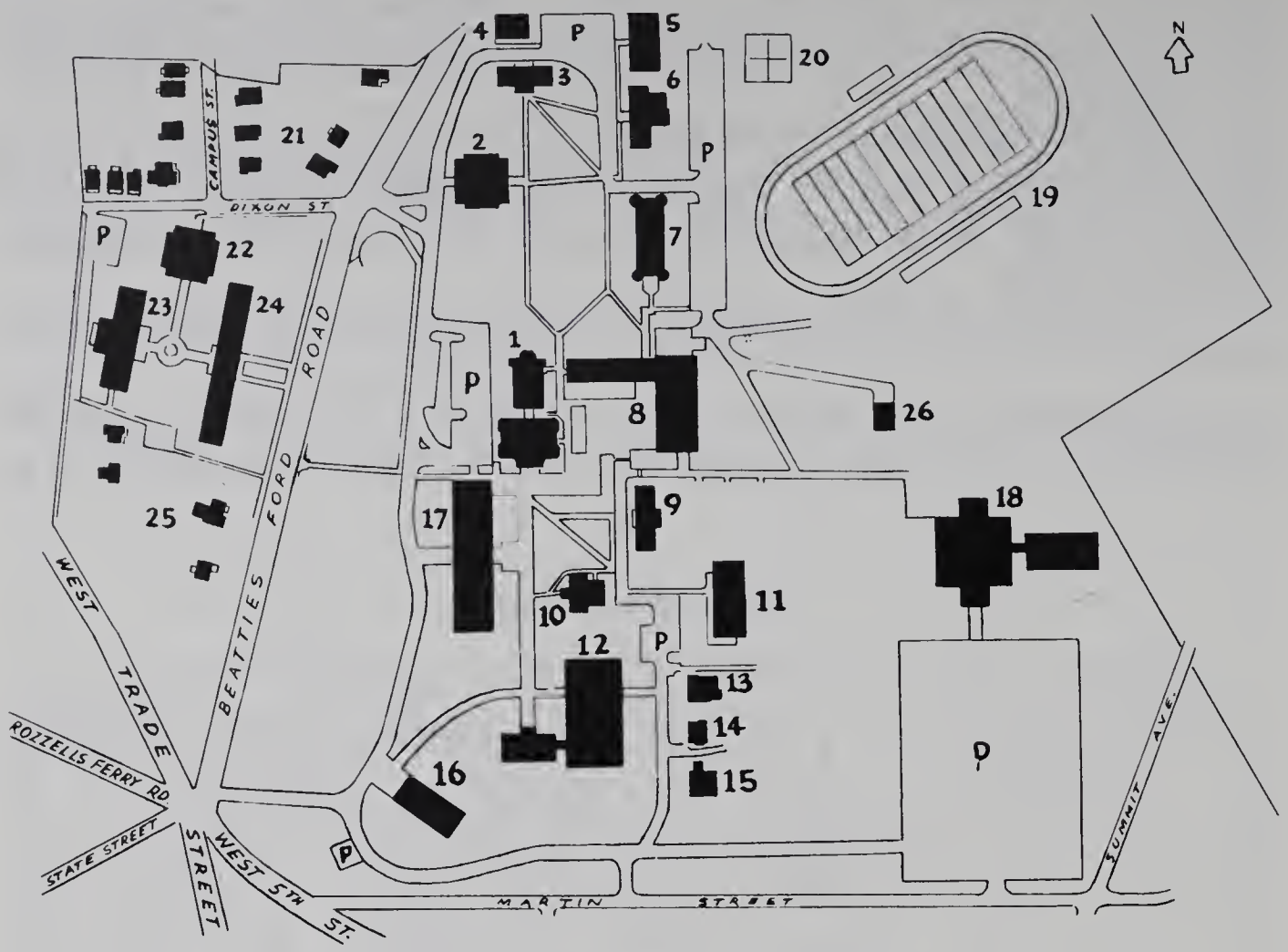
6. Adoption and development of an integrative approach to all aspects of the life and work of the institution

7. Development of relationships between the University and the community wherein each benefits from the presence of the other

Accreditation

Johnson C. Smith University is a fully accredited member of the Southern Association of Colleges and Schools. It is also a member of the Association of American Colleges, American Council on Education, American Association of Colleges for Teacher Education, Council of Protestant Colleges and Universities, the Presbyterian College Union, North Carolina Association of Colleges and Universities, the College Entrance Examination Board and the United Negro College Fund. It is approved by the American Medical Association and the American Association of University Women.





Johnson C. Smith University Campus Map

1. Biddle Memorial Hall (Administration Building)
2. Myers Hall (Men's Dormitory)
3. Berry Hall (Men's Dormitory)
4. Maintenance Building
5. Financial Affairs Office
6. Band Room
7. Carter Hall (Men's Dormitory)
8. University Memorial Union
9. Smith Hall (Men's Dormitory)
10. Office of Student Affairs
11. McCrorey Building
12. Science Center
13. Infirmary
14. Development
15. Freshman-Sophomore Center
16. University Church
17. James B. Duke Memorial Library
18. Gymnasium
19. Sanders-McCrorey Field
20. Tennis Courts
21. Faculty and Student Housing
22. Sanders Hall (Women's Dormitory)
23. Duke Hall (Women's Dormitory)
24. Liston Hall (Women's Dormitory)
25. Cottages
26. Heating Plant

P Parking Area

Location

Johnson C. Smith University is located at 100-300 Beatties Ford Road near the intersection of West Trade Street, Fifth Street and Rozzells Ferry Road in Charlotte, North Carolina. Charlotte is served by Eastern, Delta, Piedmont and United Airlines, by Greyhound and Trailway buses, and by the Southern Railway. The campus is easily accessible to Interstates 85 and 77.

Buildings

Biddle Memorial Hall, the main building of the campus, contains the administration offices of the university, recitation and lecture rooms, and lounges for faculty and students. The building consists of five stories with a tower which contains the chime clock. It is located on the highest knoll of the campus and may be seen from almost any section of the city.

Carter Hall, built in 1896, is a dormitory for college men. The original building was a gift of Miss Laura Carter of Geneva, New York. In 1955, the building was completely modernized on the inside, leaving the outside walls to retain the original architecture. It houses 106 students with a lounge, recreation area, and living quarters for the Director.

Johnson C. Smith Memorial Theological Dormitory, which stands on the eastern side of the campus; supplies rooms for about 62 students. It was named for the late Mr. Johnson C. Smith of Pittsburgh, Pennsylvania.

Berry Hall, a dormitory for men, stands at the northern end of the campus. It is three stories in height above a basement story. It has a reception parlor and houses about 55 students. This dormitory was given in memory of the late Mrs. Smith's parents.

The James B. Duke Memorial Hall is the first dormitory to be constructed, on the campus for the housing of female students. It is located across Beatties Ford Road from the main campus at the southwest end of the University campus. The building is Georgian in style with exterior walls of brick and limestone trimming. It is three stories high above the basement with an elevator shaft. In addition to ideal living quarters for approximately 110 students, it provides directors' office, beauty parlor, an infirmary, laundry and trunk room.

Carnegie Hall, which housed the library from 1911 to 1968, is now occupied by the Offices of the Dean of Students, Dean of Men, and Dean of Women, Counseling and Testing Services, and Placement and Financial Aids.

The Jane M. Smith Memorial Church, located near the entrance to the campus, is a gift of the late Mrs. Jane Berry Smith. This structure, built of colonial brick with limestone trimming, has a front supported by limestone columns. A beautiful church building, it was erected in 1928.

Smith Cottage, originally built as the winter home for Mrs. Johnson C. Smith, now houses the offices of Public Relations and Alumni Affairs.

The Henry Lawrence McCrorey Memorial Building, dedicated on November 12, 1955, was formerly the administration building for the School of Theology. It was erected from funds raised by alumni, churches in the Catawba, Atlantic, Blue Ridge and Canadian Synods, local friends, and the Building Funds Campaign of the Presbyterian Church, U.S.A. It contains three stories, including eight classrooms, offices for the Dean and the faculty members, a library, an assembly room, a room for meditation, the office of the Field Representative of Catawba Synod, a reception room, and a stack room.

The Central Heating Plant was dedicated on April 7, 1953. It replaces individual heating units in the several campus buildings and is capable of furnishing heat and hot water for all the buildings on the campus together with additional buildings planned for the near future.

The Hartley Woods Hall, a gift of the late Mrs. Jane Berry Smith, as the campus gymnasium, is situated at the northern end of the University Quadrangle. It now houses the Office of Financial Affairs.

The Gymnasium was completed in 1961. It is ideally situated on a spacious plot adjacent to a wooded area of the campus and well away from other campus buildings. The gymnasium is a split-level brick and steel structure with the main playing floor, seating capacity of 2500, two lobbies, and accessory equipment and storage rooms on the upper level. On the lower level are five instructors' offices, two classrooms, the main equipment and storage rooms and the main physical education locker and towel rooms.

A glass-enclosed corridor connects the Pool Building with the lower level of the gymnasium. The south wall of the building is of fixed glass with sliding glass doors that open onto a patio which extends the length of the building. The swimming pool is seventy-five feet long and forty-two feet wide meeting indoor Olympic regulations. The depth of the pool runs from three feet to ten feet. The pool building also contains the office of the swimming instructor, toilet facilities, and beneath the pool deck, a corridor that encircles the pool wall and runs to the mechanical equipment room.

Liston Hall, dedicated on April 7, 1963, is a dormitory for women. Of modern design, the building will accommodate 152 students. It has two parlors, two apartments for dormitory directors, and other facilities adequate for the convenience of young ladies. The building was named in memory of Dr. Hardy Liston who served as president of the University from 1947 until his death in 1956.

The University Memorial Union, dedicated on May 30, 1965, is a beautiful three-story building which includes dining hall, conference rooms faculty and student lounges, book store, post office and four guest rooms.

The James B. Duke Memorial Library, a modern structure, near the center of the campus, was completed in the summer of 1967. It has an open-shelf arrangement, designed to create interest and provide an easy access to the collection.

Total resources of the Library include materials directly related to classroom work, as well as general and recreational reading materials. It houses valuable reference books, bound and unbound periodicals, pamphlets, and audio-visual materials, in addition to the general book collection—all of which promote the objectives of the University. There are frequent displays on subjects of general and special interest.

Books and periodicals not available in the James B. Duke Memorial Library may be obtained from other libraries through inter-library loans and copying facilities.

Comfortable reading areas are provided on both floors of the Library. Also, study carrels for instructors and students. The west wing of the building houses the Audio-Visual Center with two classrooms for lectures and viewing.

Policies, designed for the interest of all users of the Library, appear in the Library Guide distributed at the circulation desk.

Myers Hall, completed in 1967, for men, accommodates 122 students. A modern four-story structure, the building has on the first floor an apartment for the director, two suites for counselors, a lounge, a TV-snack room and laundry facilities.

Sanders Hall, built in 1967 for women, accommodates 120 students. The four-story building has on the first floor two apartments for directors, a snack bar, a grooming room and laundry facilities.

The New Science Center is a two-million-dollar complex, composed of a new three-story structure connected to the completely renovated George E. Davis Science Hall. Fully equipped for teaching and research, the Center has classrooms, offices and laboratories, and facilities for experimental work in chemistry, the life sciences, mathematics, physics, earth science, psychology, computer science and engineering sciences.

Publications

The Johnson C. Smith University Catalogue and admissions materials are published by the University.

The Bull, the yearbook, is published each year by the students.

The Newsletter, published six times during the year in February, April, June, August, October and December, by the Office of University Relations.

The University Student, a college paper published monthly during the school year by the students.

The Student Handbook, published by the Office of Student Affairs as a guide to student life at the University.

STUDENT AFFAIRS

A core of programs is provided to facilitate entry into the college environment, healthy mental and emotional development, self-direction and responsibility, positive group interaction and interpersonal relationships, activity for creative use of recreation and leasure time, understanding and practical implementation of activities necessary for the physical well-being, acquisition of financial resources for educational cost, development of spiritual values and expression of religious interests, and adequate planning for the post-college environment.

This core of programs consist of Counseling and Testing, Women's Affairs, Men's Affairs, Residence Hall Life, Student Housing, Religious Life. Student Health, Student Activities, student Financial Aid, Career Planning and Placement, and the Upward Bound Program.

Student Life

Men's and Women's Affairs

Programs and services are provided to facilitate student life and development in the campus community. These programs, under the direction of the Offices of the Dean of Men and Dean of Women include: residence hall life, student relations, consulation with students regarding personal problems, living-learning experiences to meet personal-adjustment-developmental needs of students.

Counseling and Testing

Counseling and testing are provided to assist students in assessing their opportunities for educational, vocational and personal development; to assist students in developing and modifying behaviors in the solution of problems of personal, social and emotional development; to help students in the evaluation of their aptitudes, interests and abilities through testing, interpretation and evaluation.

Religious Life

Programs of religious life are developed and coordinated by the University Chaplain. This program consists of religious activities representing educational and spiritual values in terms of individual development and personal discipline.

Housing

Johnson C. Smith University views the housing of students as a vital part of the total educational experience. A staff and facilities are provided to foster an environment in which students will be assisted in fulfilling needs of social and personal development. The major function of campus housing is to provide facilities that will make for wholesome living, to promote group living conducive to study, foster programs which meet the developmental needs of the residents and aid them in adjusting to the demands of interpersonal

interaction, as well as to promote programs of social and cultural enrichment.

Housing Deposits and Assignments. Each person making application for student housing must make a deposit of twenty five dollars ($25.00), which must accompany the application for housing. A housing deposit may be used during either semester of a particular academic year. If a student makes a deposit and does not enroll in the University during that academic year the deposit will be forfeited.

Students will be notified of the approval of their applications in the form of a student housing assignment, which must be accepted or rejected by a date indicated on the form. Failure to comply with these dates may result in cancellation of the assignment.

A housing assignment is made for one academic year, except for students graduating or separating themselves from the University during the semester. An individual who accepts an assignment in campus housing obligates himself to remain for the period of the assignment. Any exception must be approved by the Vice President For Student Affairs and the Office of Financial Affairs. Residents must not move from the residence hall without this approval.

Students who live off-campus must keep the Office of the Vice President For Student Affairs informed of their correct address. Students in off-campus housing are responsible to the University as enrolled students, relating through the Offices of Dean of Men and Dean of Women. Off-campus students are expected to maintain the same standards of citizenship as students in the residence halls.

New Student Orientation

A period of orientation is provided at the beginning of each semester for new students. This orientation consists of a wide range of activities designed to introduce new students to the philosophy, people, services amd facilities at Johnson C. Smith. Activities are planned to facilitate entry into the new environment of the campus community, facilitate the process of initiating a program of study —testing and evaluation for class placement, consultation with academic advisers and selecting courses and registration; and to acquaint new students with the programs and services of the University.

Student Health Services

Health supervision and medical care are provided for students through the Student Health Services. The staff consists of the Student Health Service Physician and staff nurses.

A Physical Examination is required of each new student. This examination should be secured by the student before admission to the University.

All full-time students are entitled to consult with the Health Services staff. Students living off campus must report to the Health Center for treatment.

Persons reporting to Health Services for treatment will be given the initial dose of medicines and drugs available. Prescriptions will be given for subsequent drug and medicinal needs to be filled at the student's expense. If the Health Services provide medication beyond the initial dose, these will be given at the student's expense.

Frequently, specialists are needed for students. In such cases the Health Service staff will refer students to recommended specialists. The cost of the services of specialists will be the responsibility of the student and his parents.

Students who need hospital care will be referred to hospitals in the city of Charlotte. The cost of hospitalization care will be the responsibility of students and their parents.

Health and Accident Insurance

Students are urged to carry adequate health insurance to protect against the possibility of serious illness or injury requiring hospitalization or expensive medication and/or treatment. The University has accident and hospitalization insurance which is required of each student. Cost of treatment and hospitalization beyond the amount covered by this insurance is the responsibility of the student and his parents.

Students with coverage under "family health plans" should check frequently their status in the plan as most family plans have certain age limitations.

Student Activities

The program of student activities is a means by which students engage in living-learning experiences in an informal curriculum apart from the formal setting of the classroom. These programs are intended to provide for development potential and responsible group participating, provide avenues for social interaction, creative use of leisure time, and cultivate and give expression to various interests of students.

In addition to activities which may be initiated out of the ideas and interests of individuals and informal groups, the following kinds of organized groups exist:

Student Governance: The Student Government, the Student Christian Association, the Residence Hall Councils, the Panhellenic Council and Council of Non-Greek Fraternal Organizations.

Honorary Societies: Student organizations which give recognition to high scholarship achievement by individual students, and seek to promote an atmosphere of high scholarly attainment in the campus community. These include the Alpha Kappa Mu Honor Society encompassing all students who achieve high scholastic averages in their over-all academic performance, and several societies which include students who achieve high academic averages in a particular major department.

Professional and Academic: Student organizations which are academic departmentally related, and pre-professional, whose purpose is to bring together majors in a particular academic discipline and students with particular pre-professional interests in order to develop their interests, further their competency in the areas of specialization, and apply to out-of-class situations, knowledge and skills acquired in classroom instruction.

Service: Student organizations whose purpose is to enrich the educational experience of their members, the campus and the community through a variety of service endeavors.

Student Publications: The University Student (newspaper) and The Bull (the college annual).

Performing Groups: Performing groups and organizations consist of those students with outstanding talents in the performing arts, athletics, etc.; and serve to recognize those individuals who contribute their talent and skills to the campus community through their participating in the several performing activities on campus.

Fraternities, Sororities and Social Fellowships: Eight national Greekletter fraternities and sororities, and four national Social Fellowships are chartered to establish chapters on the campus.

The University Union

The University Union is a service of organized cultural, social, recreational, and individual-interest programs serving all students, the faculty, administrators and staff. The Union program is also available for use by alumni. It is important to understand that the University Union is an organized program of services and not simply a building. The major focus of union takes place in the University Memorial Union Building, housing offices for staff, conference rooms, guest rooms, the bookstore, the post office, recreational

facilities, the cafeteria, a snack bar, a music listening room, a main all-purpose lounge and ball room, a browsing-reading room, and the radio station.

The Union Program is administered through an organizational structure consisting of the Governing Board, the Program Board and its several, sub-committees and a professional staff.

The function of the University Union is to serve as a part of the educational program of the institution, as a laboratory of citizenship, training students in social responsibility and for leadership; to provide a cultural, social and recreational program, aiming to make free time activity a cooperative factor with study; to encourage self-directed activity, giving maximum opportunity for self-realization and growth in individual social competency and group effectiveness, its goal being the development of the person as well as the intellect.

STUDENT FINANCIAL AIDS

Scholarships

Competitive Scholarships: The University offers competitive scholarships to applicants for the freshman class. The competitive scholarships range up to full costs for the four-year period. Not more than one-fourth of the scholarship may be used during one academic year. The recipient must maintain honor grades (3.0 or B cumulative) in college for the scholarship to be renewed each year.

High school seniors who are interested in competing for these scholarships should take the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board in December. The competitive scholarships are awarded on the basis of the scores made on the Scholastic Aptitude Test (SAT), high school grades, and recommendations. A limited number of honor scholarships, in smaller amounts, are offered to high school seniors who do not qualify for the Competitive Scholarship, but who do have very good scores in the Scholarship Aptitude Test (SAT) and exceptional high school records.

National Presbyterian College Scholarships: For superior young people preparing to enter as freshmen one of the forty-six colleges (including Johnson C. Smith) related to the United Presbyterian Church U.S.A. To be eligible a student must be a communicant member of this denomination. The scholarships are competitive, and students must qualify by a specific date in December of the senior year in secondary school. For information and application, write: Manager of Financial Aid for Studies, Vocation Agency, 475 Riverside Drive, New York, N.Y. 20027.

Loans

National Direct Student Loans: High school graduates who have been accepted for enrollment, or college students enrolled full-time, or at least half-time, and who need financial help for educational expenses are eligible for student loans. Interest begins to accrue nine (9) months after graduation.

State Guaranteed Loans: A program of borrowing through the Higher Education Act of 1965. Students may borrow from a bank or other leading institution. A student from a family with adjusted income of less than $15,000 a year is eligible. Students may obtain State Loan Blanks from the Financial Aid Office, or local participating banks.

N. C. Insured Student Loan Program: Legal residents of North Carolina enrolled full-time may borrow up to $750.00 per semester or $500.00 per quarter for a total of $1,500.00 per academic year for an aggregate of $7,500.00 through College Foundation, Inc. Loans are insured by the State Education Assistance Authority, and under certain conditions, the U.S. Office of Education pays the 7 per cent interest during the in-school and grace periods. Apply through the institution's Financial Aid Office.

James E. and Mary Z. Bryan Foundation Student Loan Plan: Legal residents of North Carolina enrolled full time in undergraduate programs may borrow up to $750.00 per semester or $500.00 per quarter for a total of $1,500.00 per year for an aggregate of $6,000.00 through College Foundation, Inc. The interest rate is 1 per cent during the in-school and grace periods and 6 per cent during the repayment period. Apply through the institution's Financial Aid Office.

Presbyterian (U.S.) Student Loan Fund. Eligibility: A member of the denomination doing full-time study in an accredited college or university. Amounts: For undergraduate students, after freshman year, up to $500 a year, to a maximum of $1,500. Terms: No interest if repayment is completed within two years after student leaves school. After that, interest is calculated at 4% from time student leaves school. Address: Associate for Student Aid, Division of Higher Education, Board of Christian Education, Presbyterian Church in the U.S., Box 1176. Richmond, Virginia 23209.

Basic Educational Opportunity Grants (BEOG): These grants are available to students who began their post high school education after April 1, 1973 and who are attending on a full-time basis. Basic grants are based on a Federal formula (applied to all students throughout the country) which measures the ability of you and your family to meet your educational expenses. The grants are awarded

to qualified students enrolled in eligible programs at approved public and private colleges, universities, community colleges, vocational schools, technical schools, and hospital schools of nursing. Johnson C. Smith University is an approved institution.

For further information about Basic Grants and other student financial aid programs contact your high school guidance counselor or the financial aid officer at the Johnson C. Smith University.

Supplemental Educational Opportunity Grants (SEOG): These grants are for students of exceptional financial need who without the grant would be unable to continue their educational endeavors. You are eligible to apply if you are enrolled at least half-time as an undergraduate student in an educational institution participating in the program. Johnson C. Smith University is a participating institution.

North Carolina Grants: North Carolina Grants are made to students who demonstrate financial need and who have been legal residents of North Carolina for twelve months.

Funds for the North Carolina Grants are provided by the North Carolina Legislature and the selection of students to receive an award is made by Johnson C. Smith University.

Grant-in-Aid: Grants-in-Aid are available to persons who show exceptional skills in Athletics and Music. Recipients of these awards must be recommended by the Heads of the Departments at Johnson C. Smith University.

Employment

College Work-Study: Students, particularly those from low income families, who need a job to help pay college expenses may be eligible under the federally supported College Work-Study Program.

Institutional Work-Aid. The Institutional Work-Aid Program is a program of employment provided from University funds. Qualified students who need financial assistance may be assigned campus employment. (See Terms and Regulations).

Other Sources

Other sources of financial Aid are available in assisting students in meeting their financial needs. Inquire about these additional sources at the Office of Student Financial Aid.

Awards and Prizes

The Robert L. Douglas Memorial Scholarship in Mathematics, awarded by Dr. Clarence F. Stephens, a graduate in the Class of 1938, in honor of the late Dr. R. L. Douglas who served for a number of years as Professor of Mathematics at the University. This scholarship of $100.00 is awarded annually to a junior or senior mathematics student who has demonstrated ability and enthusiasm for graduate study in mathematics.

The Catherine Hughes Waddell Memorial Scholarship, a merit scholarship of $500, awarded to the best all-around student in scholarship, campus citizenship and department.

The A. O. Steele Prize In Religious Education of twenty-five dollars is given annually by the community Leadership Training Class in Religious Education to the Freshman making the highest record in Religious Education for the year.

The Reader's Digest Foundation Endowed Scholarship Fund is provided by a grant of $2,500 from the Reader's Digest Foundation through its scholarship program. The annual income from the fund granted for each of four years, 1966-70, makes scholarship assistance available to a highly qualified student.

The Jefferson Standard Scholarship of $600 is provided annually by the Jefferson Standard Foundation beginning in the 1969-1970 school year, for a major in business administration.

Kappa Alpha Psi Scholastic Achievement Award.

Alpha Kappa Mu Honor Society Award to sophomore student holding the highest average.

Choir Award Placques for four years membership in the Johnson C. Smith University Choir.

The Samuel W. Byuarm Award, awarded by the National Council of Christians and Jews for students who have demonstrated an interest in promoting human relations.

CAREER PLANNING AND PLACEMENT

Career Planning. Students are assisted in career exploration and planning through career and vocational counseling; and the maintenance of a library of career information.

Job Placement. The Career Planning and Placement Center provides assistance in seeking part-time, summer and career employment. The Center maintains contact with business, industry, school systems, government, non-profit and educational organizations, and provides job listings and schedules campus recruitment visits and interviews by representatives of these organizations.

Credential services are provided for those persons who are registered with the center. These services are available to undergraduates, graduating seniors and alumni. Students are given assistance in interview behavior, techniques of job seeking, and in the selection of positions in which their training and capabilities will best be utilized.

Cooperative Education. The Cooperative Education Program is designed to expose students to the actual world of work in order to assist them in applying the knowledge and principles learned in the classroom to work experience. This program integrates classroom experience with on-the-job work experiences in industry, business, or service occupations. A student classified as a Junior with not less than a "C" average is eligible to apply for the Cooperative Education program. Participants receive at least 6 credits and comparable salaries during their tour of duty. He is considered enrolled in the University while he might be employed out of town.

Participation in the program could cause graduation to be delayed by one or two semesters, but the rewards are well worth the delay.

STANDARDS FOR STUDENT LIFE

Johnson C. Smith University assumes that it is a community of mature students. It expects that the students will engage in life patterns that are consistent with this basic assumption.

The University standards are designed to maintain those condisions which will guarantee the best possible development of the mental, physical, social and spiritual potentialities of every student on the campus. Success in this connection is dependent upon the fullest cooperation of everyone who participates in the life of the University.

Membership in The University

Attendance at Johnson C. Smith University is a privilaege and not an inherent right the University requires each student to observe the guidelines for student life in the University as found in this catalogue the Student Handbook, house regulations governing life in the several residence halls, and other policies and procedures published in official University publications.

The University reserves the right to cancel the enrollment of any student who abuses this privilege and violates the standards of life in the University when it shall be determined through the established process that a student has forfeited his privilege to remain in the University.

The basic standards, policies and procedures for student life are set forth in the Student Handbook and are supplemented by policies and procedures specific to the various administrative and academic offices.

Administration of University Regulations and Standards

Regulations are normally administered by the office responsible for the several areas which the regulations govern. When difficulties arise in observance of these regulations to the point where such difficulties cannot be resolved by the administrative supervisor of that area, it shall be referred for adjudication through the judicial system established for student discipline, as outlined in the Student Handbook.

ATHLETICS

Physical education and health, and athletics are considered integral parts of the total educational program offered at Johnson C. Smith University.

The University is a member of Central Intercollegiate Athletic Association, National Collegiate Athletic Association, National Association of Intercollegiate Athletics, American Tennis Association and National Intramural Association.

THE UPWARD BOUND PROGRAM

Upward Bound is a pre-college program for the marginally achieving student who exhibits a high degree of potential. The primary goal of the program is to provide a program of studies and activities focused on skill building and personal growth which will enable the student to move into some form of successful post secondary experience after high school. The program is committed to work with those students who, from all prios indications, will not succeed unless some other outside (non-classroom) assistance is available to them.

The program is designed to accept students in the sophomore year of high school and to allow the student to matriculate through his senior year and during the summer immediately after high school graduation.

Admissions and Finances

Regular Fees

The fees and charges listed herein are applicable to all students. In addition to regular fees and charges, a separate listing of special fees and charges is provided for those persons who may be affected thereby. Travel, clothing, books and other personal expenses are not included. However, the cost of text books and supplies can be expected to average at least $120.00 per year or $60.00 per semester.

Regular Session Fees:	**Per Semester**	**Per Year**
Tuition	$ 524.00	$1,048.00
Union Fee	50.00	1.00.00
Athletic Fee	15.00	30.00
Insurance and Health Fee	9.00	18.00
UNCF Fee	2.00	4.00
Total Fees, Day Student	$ 600.00	$1,200.00
Room and Linen Rental Charges	$ 190.00	$ 380.00
Meal Charges Under Boarding Plan	260.00	520.00
Total Fees, Boarding and Lodging Students	$1,040.00	$2,100.00
Part-Time Student Tuition and Fee Rates: Per Semester Hour (less than 12 hours)	$ 50.00	$ 50.00

Room and Board Rates, same as above

Total semester fees and charges are due and payable in full on or before registration of each semester. Any student not making the required full payment of fees and charges will be assessed an additional fee of $24.00 per year for partially defraying the cost of handling an installment arrangement.

Please mail payments not less than two weeks prior to due date or pay in person at the time of registration. Students are strongly urged to pay in advance to reduce the registration procedure time.

Remittances of money for school expenses should be made by certified check or money order payable to Johnson C. Smith University. Address payments to Cashier's Office, Johnson C. Smith University, Charlotte, North Carolina 28216.

Any Student desiring an installment arrangement should contact student Financial Aid Office for plans available. The Student Aid Office will also be able to furnish information regarding other loan plans available in your State or Region.

Incidental Fees and Deposits

Admission Application Fee—New Students	$10.00
(no refund or credit on account)	
Room Reservation Deposit	25.00
(no refund—credit applied to account)	
Installment Fee, per year	24.00
Meal Card Replacement Fee	5.00
ID Card Replacement Fee	5.00
Graduation Fee	15.00
Student Teaching Fee	30.00
Music Private Lesson Fee, per ½ credit hour	15.00
Music Instrument Use Fee, per semester	10.00
Ambulance or other medical or dental expense not covered by insurance	Actual cost
Infirmary Medical Treatment Charges each (after first)	2.00
Infirmary Room Charges (after 3rd day) per day	6.00
Transcript Fee (after first)	1.00
Late Registration Fee per each day late (Max. $15.00)	5.00
Dormitory Lost Key Fee	1.00
Make up or Late Examination Fees, each	2.00
Bad Check Charge for each time returned	3.00
Excess Semester hours, each	50.00

Auditing Courses

Auditing of courses is open, without credit, to any person upon the payment of all regular applicable fees. Currently enrolled full-time students may audit courses without additional charges unless total of all hours exceed 18. An auditor is not required to participate in class discussions, prepare assignments or take examinations.

Refunds

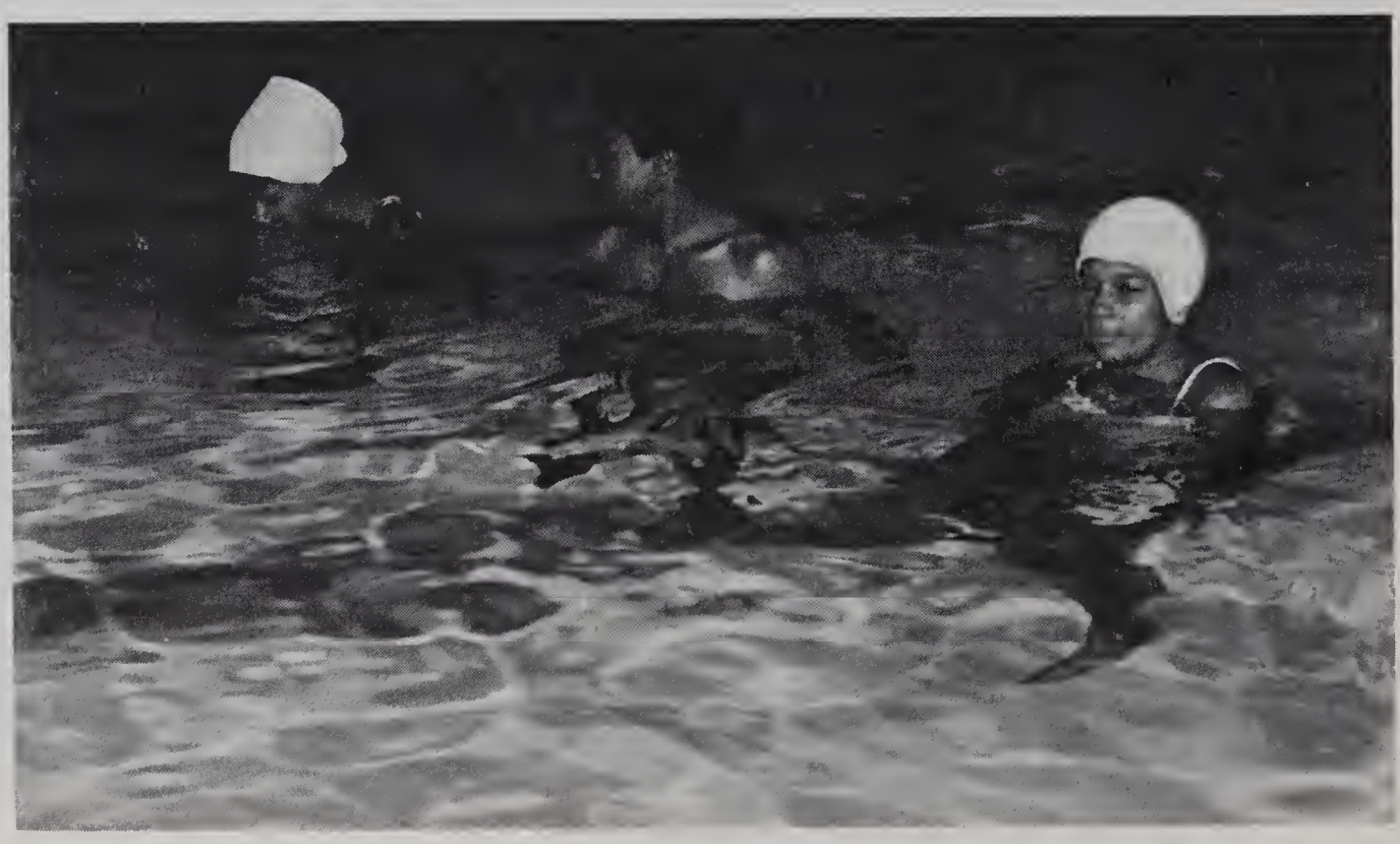
Refunds upon official withdrawal of a student will be made minus any amounts due to the University as follows:

1. Lodging: Number of full weeks remaining in term excluding Christmas and Spring break holidays, at the rate of $11.00 per week from time of approved official withdrawal.
2. Board: Refund computed at the rate of $2.10 per day from date of official withdrawal and surrender of meal card to the Business Office.
3. Tuition and General Fees:
   90 percent when withdrawal is within two weeks of registration date.
   75 percent when withdrawal is within four weeks of registration date.
   50 percent when withdrawal is within eight weeks of registration date.
   None when withdrawal is after eight weeks.

Special Notices and Explanations

1. The University reserves the right to increase or decrease all fees and charges as well as add or delete items of expense without advance notice as circumstances, in the judgment of the Administration, may require.
2. The day of an official withdrawal of a student is the date affixed to the withdrawal form by the Dean of Student Affairs.
3. Room and Board rates are based on the average cost of operations for the entire school year which includes provision for services only during the scheduled operational days. Allowances have therefore been made for the Christmas and Spring break holidays when these facilities are closed. Every student is strongly advised to be prepared to vacate the campus premises during these two vacation periods. The day of an official withdrawal of a student is the date affixed to the withdrawal form by the Dean of Student Affairs.
4. With the exceptions of special cases in which permission has been obtained from the Dean of Student Affairs, students from outside the county of Mecklenburg are required to reside in the University Residence Halls and take board in the University Cafeteria.
5. Students' property in residence halls and other university buildings is at the sole risk of the owner and the university is not responsible for loss from theft or damage to such property arising from any cause.

6. Students are required to pay, at replacement cost, for any loss of or damage to University property, due to abuse, negligence or malicious action, and will be subject, also, to disciplinary action.
7. Personal spending money or allowances should be sent directly and made payable to the student in the form of money orders or certified checks. The University cannot cash personal checks for students in any amount.
8. Diploma and transcripts of records are withheld until the student has paid in full all fees ad charges due the University. Moreover, a student in debt to the University in any amount will not be admitted to final examinations in any course, nor will he be permitted to register for any subsequent semester or term until his obligations are paid. Any student whose account is in arrears by thirty (30) days or more is subject to dismissal from school for non-payment of fees.
9. Students teachers who are boarding students at the University will be granted credit on their accounts for meals missed during their absence from the campus provided the meal card is surrendered at the Business Office prior to their official leave. No credit will be allowed on room rent or other fees.
10. The student is responsible for his personal laundry and dry cleaning.
11. Cooking or the use of electrical or mechanical cooking appliances in University Residence Halls is prohibited.
12. No student who is indebted to the University will be permitted to join a social fraternity or sorority.



ADMISSIONS

Admission to the college is generally limited to recommended graduates of accredited secondary schools who rank in the upper two-thirds of their class and have taken the College Board (SAT) or the ACT.

The Admissions Committee may review the record of an applicant with a lower record and may decide to include him in a limited number of high risk applicants, or offer suggestions for other educational programs which may better serve him.

The Admissions Committee after reviewing the total record of an applicant, may decide (1) to admit him to the freshman class as a full time student, (2) to admit him to the regular freshman class, but require him to take such remedial courses as determined by the placement tests, or (3) to offer suggestions of other educational programs which may better serve his needs.

Johnson C. Smith University will accept a limited number of academically high risk students. Generally, however, applicants graduating in the fourth quarter of their class with a low SAT or ACT score may not be considered for admission.

Basis for Selection

In reviewing credentials presented, the decision of admittance is based on the following:

1. Secondary school record.
2. Level of performance on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Testing Program.
3. Recommendation of school principal or counselor.
4. Health record.

Formal Application

Every candidate for admission must make formal application to the Director of Admissions, Johnson C. Smith University, Charlotte, N.C. 28216. An application blank furnished by the Director of Admissions upon request, should be properly completed and returned with the application fee of $10.00 (check or money order made payable to Johnson C. Smith University). THIS FEE IS NOT REFUNDABLE.

Applicants for admission in September should have all credentials on file not later than May 15*. Applicants for admission in the second semester should have all credentials on file not later than December 1.

Acceptance Notice

The application for admission will be processed immediately after the required credentials have been received and the student will be notified of the decision of the Admissions Committee. A "Permit to Register" will be mailed to the approved applicant after the final record and certification of graduation from high school and the pre-entrance medical record have been received.

Applicants for admission may arrange to visit the college. This visit, however, is not a requirement for acceptance. Appointments for such visits should be made in advance.

Academic Preparation for College

An applicant for admission to the freshman class must be a graduate of an accredited high school with a minimum of 15 units, including 4 units of English, 2 units of Mathematics, and 2 units of either History, Science or Foreign Language.

Financial Aid

Information on and application for Fianncial Aid may be requested from the Director of Financial Aid. (See page 17 and following).

Foreign Students

Students applying from foreign countries will be admitted by presenting credentials required by the United States Office of Education for admission to a college of liberal arts and by satisfying the University's requirements for admission.

Johnson C. Smith University is authorized under Federal law to enroll nonimmigrant alien students.

Transfer Students

An applicant from accredited colleges or universities may be given transfer credit for courses in which a grade of C has been earned. Credit will be given for such professional work as falls within the fields of specialization offered in Johnson C. Smith University. Courses that are identical with those offered in this University are usually full credit; courses that are different are evaluated on their own merit in the light of their conformity with the program of study outlined in the curricula of the University.

An applicant transferring from institutions not approved by a regional association may be required to take examinations to justify transfer credit.

The Admissions Committee will consider favorably only transfer applicants who are in good standing with the institution from which they are transferring.

The University generally accepts 60 semester hours of credit from a junior college. Semester hours but not grade points are transferred.

Special Students

Applicants may enter Johnson C. Smith University for the purpose of taking certain courses without becoming candidates for a degree. They will not be subject to the specific requirements for admission, but must prove to their instructors the ability to pursue successfully the courses for which they have registered. Such students may later become candidates for a degree by meeting all entrance requirements. Special students will not participate in intercollegiate athletics or other student activities. They will be subject to the same rules and regulations as regular students.

Readmission of Former Students

A student who has withdrawn in good standing and who subsequently seeks readmission must apply in writing through the Registrar's Office. Re-entering students MUST receive notice of approval before returning to the college.

Academic Program

Registration

Time: All students must register at the beginning of each semester whether they were in residence the preceding semester or not. Students are required to register in person at the University on the days designated for such purpose, between 8:15 a.m. and 5:15 p.m.

All students will report for registration as indicated in the University Calendar.*

Late Registration: Students may be allowed later registration upon the payment of a late fee of five dollars per day, but no student will be permitted to register later than the time specified in the calendar.*

Freshman Week: The first week of the term is devoted especially to the adjustment of freshman students to their new surroundings. The program includes registration, orientation, lectures, tests for placement, diagnosis and guidance, training in the use of the Library, definite information on the various regulations on the campus, and the freshman reception.

Changes in Registration: If a student finds it necessary to make a change in his program of study after he has registered, the change must be made through the Registrar's Office on blanks provided for that purpose. For any such change the student must obtain the permission of the instructor, and the advisor. This procedure is followed to drop or add a course.

The adding of courses must be completed before the time for making changes expires.* A COURSE DROPPED WITHOUT PERMISSION IS CONSIDERED A FAILURE AND IS RECORDED AS SUCH.

NO REFUND FOR COURSES DROPPED AFTER TEN DAYS FROM DATE OF REGISTRATION.

Student Load: The normal load for all students is 15-18 semester hours. In the summer session the normal load is 6 semester hours.

Excess Hours: Students wishing to take hours in excess of 18 semester hours will be charged for extra hours at the rate of $50.00 per semester hour. The fee for extra hours may be paid on the installment plan for a given semester.

Repeating Courses: No student will receive credit for the same course twice. If any course is repeated in which credit hours are earned, the student's permanent record will be adjusted by subtracting the hours of the lower grade from total hours earned. Credit hours will then be recorded for only the highest grade.

Incompletes

A student who, as a result of sickness or some other unavoidable cause, has not fully satisified the requirements of a course may be given a mark of "I" if his classwork is such as to make it probable that he can earn a passing grade by completing the work. Incompletes must be removed within six weeks after the beginning of the next semester in which the student is enrolled.

Any incomplete not made up by the end of the next semester in which the student is enrolled, will be changed to an "F" on the student's permanent record.

When the grade of "I" has been removed, the student shall at once secure the necessary form from the Registrar's Office and give such form to his instructor who will report his final grade to the Registrar's Office.

IF A STUDENT DOES NOT ENROLL WITHIN TWO YEARS AFTER RECEIVING THE "I" THE INCOMPLETE BECOMES A PERMANENT "I".

Grades

The quality of a student's work in a course shall be reported to the Registrar by the following grades: A, B, C, D, P, F, and I. A denotes excellent scholarship; B, good; C, fair; D, poor. Work reported as the grade of D cannot be raised to a higher grade by examination. F indicates failure; a student receiving such a grade may repeat the course. P is the passing grade assigned to all courses for which no credit is allowed. The grade "I" indicates that the work has not been completed and the student did not withdraw from it. If a student officially drops a course, he is given the mark of W.

Grade for Major Work. No grade below C will count for credit in the student's major or minor work. Nor will a student be permitted to enroll for Practice Teaching unless he earns a grade of C or better in the course he is to teach.

Grade Points. Grade points are determined by multiplying the number of semester hours which a course yields by the grade point value of the grade. The several grades yield grade points as follows: A, 4 points for each semester hour of credit; B, 3; C, 2; D, 1; P, 0; F, 0.

Grade Reports

At the end of each semester grade reports are sent to parents or guardians. The Academic Office is given six-weeks reports to indicate failures in course work. Only semester grades are permanently recorded.

Transfer of Credit

Students may obtain transfer credit by attending another college or university during the summer if the following conditions are met:

1. Approval is first secured from instructors, advisers, and heads of departments, of any institution of higher learning accredited by one of the six Regional Accrediting Agencies of the U.S., offering the corresponding work at Johnson C. Smith University. Elective credits may also be received for certain courses which do not correspond to any offered at Johnson C. Smith, provided approval is first received from the appropriate department head.
2. Application for approval must be submitted on the proper form obtainable from the Registrar's Office. When form has been properly executed it is returned to the Registrar's Office.
3. Approved courses in which the student receives a grade of "C" or better are transferable with the semester hours and grade points earned. CREDIT WITH GRADE BELOW "C" WILL NOT BE ACCEPTED. Where quarter hours are taken they will be converted to semester hours at the rate of 3 semester hours to equal 5 quarter hours.
4. Normally, no more than 15 semester hours, EXCLUDING COURSE WORK THROUGH THE CONSORTIUM, may be transferred.
5. Work experiences, institute participants, and travel experiences for credit must be cleared and approved before a student takes part in such a venture.

NOTE: THE STUDENT IS RESPONSIBLE FOR SEEING THAT HE DOES NOT VIOLATE THE CONDITIONS LISTED ABOVE.

6. Exceptions to the conditions listed above will only be made when approval results from a meeting of the Vice President for Academic Affairs, Adviser, Registrar, and President, Ex Officio.

Honors List

At the end of each semester there is published an Honors list of students who have earned a grade point average of 3.0 or better. Only students who are registered for a minimum of 15 semester hours will be considered for the honors list.

Maintenance of Scholarship

Class Attendance

All students are expected to attend classes.

All students taking 100 and 200 level courses will be required to attend class in those courses. Students on probation and on warning will be required to attend class in all their courses. These students will be allowed no more than twice as many absences as credit hours in the course. When a student has been absent for more than the alloted number of classes, he may either drop the course officially (W—no credit), or automatically receive a failing grade of F for the course.

Exception may be made by written request for waiver by faculty member and approval by the Director of Freshman/Sophomore Studies.

Withdrawal

Any student desiring to withdraw from the University during a semester must first secure forms from the Counselor's Office and get the required signatures. The completed forms must be deposited in the Counselor's Office. The Office of Financial Affairs will determine the amount of fees to be refunded. IF STUDENTS DO NOT COMPLY WITH THIS REGULATION, ALL GRADES ARE RECORDED AS F.

Academic Status

A student is in good academic standing at Johnson C. Smith University when he has a minimum grade point average of 2.00 (that is, twice as many grade points as semester hours attempted). Every course for which a student has registered and from which he did not officially withdraw, is classified "attempted". Semester hours attempted are adjusted to reflect only the last attempt for repeated courses.

When a student is not in good academic standing, he is either on "warning" or "probation" according to the number of hours attempted and the number of grade points earned. A student on "warning" may continue to work toward the improvement of his scholarship level. A student on "probation" has one semester to remove his probationary status. If a student does not remove his probationary status at the end of the semester in which he has been placed on probation, he will be automatically dismissed for poor scholarship.

The following table will serve as a guide to students who fail to maintain good academic standing.

Academic Warning, Probation and Suspension

A student is in good academic standing at Johnson C. Smith University when he has a minimum 2.00 grade point average (that is, twice as many grade points as semester hours attempted). Every course for which a student has registered and from which he did not officially withdraw, is considered as "attempted". Semester hours attempted are adjusted to reflect the last attempt only for repeated courses.

If a student earns less than a 2.00 average during any semester and has a satisfactory record previously, he will be given "academic warning," probation or suspension according to table below.

Semester Hours Attempted	Probation Deficient in Grade Points	Suspension Deficient in Grade Points
1 - 6	7 - 9	10
7 - 12	13 - 15	16
13 - 18	16 - 18	19
19 - 30	19 - 21	22
31 - 48	16 - 18	19
49 - 60	13 - 15	16
61 - 72	10 - 12	13
73 - 84	7 - 10	11
85 - 90	4 - 9	10
91 -	1 - 9	10

Transfer Students

A transfer student who enters Johnson C. Smith University with junior standing is assured retention for his first semester. If he is within the probationary range at the end of the first semester, he is eligible to continue for a second semester. He must clear probationary status by the end of the second semester to avoid dismissal.

Course Examinations

All students are required to take the final examination. Exceptions to this rule are to be granted by the department head. NOT TAKING AN EXAMINATION DOES NOT GUARANTEE A GRADE OF "I".

CLASSIFICATION OF STUDENTS

Students in the college are classified for the year at the beginning of the winter semester, according to records in the Registrar's Office. The basis for this classification is as follows:

SENIORS: Students who have credit, unconditionally, for at least 90 semester hours of work, and have earned at least 180 quality points.

JUNIORS: Students who have to their credit, unconditionally, at least 60 semester hours of work, and have earned at least 120 quality points.

SOPHOMORES: Students who have credit for at least 30 semester hours of work and have earned at least 60 quality points.

FRESHMEN: All other students, not registered as special, are ranked as Freshmen, without regard to date of admission.

SPECIALS: Students who have not been admitted to candidacy for a degree.

THE HONORS PROGRAM

Students

Students of exceptional academic ability who are seriously interested in utilizing their full learning-potential are invited to participate in the Honors Program. Beginning in the first semester, the student in the Honors Program is afforded unusual opportunities to experience a wide variety of educational endeavors throughout the entire duration of college. Through special channels designed to encourage and facilitate high level academic achievement, the Honors Program student will work to develop a trained mind which can adapt to the changing world. Special assistance will be provided to enable Honors Program students to pursue further intellectual and career development after being graduated from Johnson C. Smith University.

The responsibility for the selection of Honor Students and for the general planning and supervision of the Program lies with the Honors Program Committee, consisting of faculty and students. This committee was constituted in January 1973, and envisions a planning and development process extending over several years, during which various phases of the Honors Program will come into being in successive stages.

Purpose

The purpose of the Honors Program is to meet the actual needs of students of exceptional academic ability who accept the invitation to participate in the Program. These needs are determined through a continual process of investigation, planning, and evaluation conducted by the Honors Program Committee and Staff, the Honors Program Faculty, and the Honors Program Students. The general structure and nature of the Program is determined by the Honors Program Committee. The specific modes of implementation are determined by the faculty and students working in the Program.

Structure

1. Courses in which only Honors Program Students are enrolled.

1.1. **Freshman Honors Humanities** 131 and 132
An interdisciplinary, team-taught course involving the fields of history, literature, philosophy, religion. Ten credit hours each semester, Winter and Spring. This course satisfies the General Education Requirements in English, History, Philosophy, Religion.

1.2. **Sophomore Honors Social Science** 231 and 232
An interdisciplinary, team-taught course involving the social (behavioral) sciences. Three credit hours each semester, Winter and Spring. Taken in the Sophomore Year after the successful completion of Freshman Honors Humanities, this course satisfies the remaining General Education Requirements in the Social Sciences.

1.3. **Junior Honors Seminar**
The seminar taken by Honors Program Students in their Junior Year. Content to be developed jointly by the Honors Program Committee and the students in the seminar. Three credit hours.

1.4. **Senior Honors Seminar**
The seminar taken by Honors Program Students in their Senior Year. Content to be developed jointly by the Honors Program Committee and the students in the seminar. Three credit hours.

2. Courses in which both Honors Program Students and other students are enrolled.

2.1. Departmental Honors (additional title, if any, as well as number and credit hours to be determined by the department). Courses designed for the Honors Program Students and other exceptional students. The initiative, design, and staffing rests with the department. Whenever Honors Program Students are

enrolled for Honors Program credit, the course is subject to approval by the Honors Program Committee.

2.2. In-course Honors (title, numbers, hours and credit given in the regular catalogue listing). Special work designed for one or more Honors Program Students enrolled in a regular course. The initiative and design is shared by the student(s) and the instructor. The final design is subject to approval by the Honors Program committee.

Note: For the academic year 1974-1975, **Sophomore Honors Social Science** 231 and 232 is to be replaced by In-course Honors in any two General Education Social Sciences courses. A Mathematics-Natural Science Honors Course is under consideration.

GENERAL EDUCATION PROGRAM

The main purpose of the General Education program is to enable each student to acquire a broad and substantial foundation in the major fields of knowledge. The program is designed to complement the program of specialized education by preparing students for responsible and imaginative living as well integrated members of the society.

Entering freshmen are required to take a series of examinations for placement and counseling purposes during Freshman Week. The achievement tests in Mathematics, Foreign Language, and English are for placement, and interest and psychological tests for use in counseling.

Students who, through testing, demonstrate proficiency in a subject matter area may be given advanced standing in that specific area. This, however, will not reduce the total number of hours required for graduation.

A student may begin his major in the freshman year.

Freshmen will not be permitted to take more than the normal load, 15-18 semester hours.

NEW DOORWAYS TO TEACHING AND LEARNING

New Doorways to Teaching and Learning, presently funded under Title III of the Department of Health, Education and Welfare, is concerned with more effective teaching and learning at Johnson C. Smith University. The purpose is to aid the new student in obtaining mastery of the basic skills: reading with comprehension and understanding, writing with logic and clarity, communicating effec-

tively, and handling mathematical concepts with accuracy. These basic skills are being utilized, innovatively, in a limited number of pilot courses. These pilot courses were expanded in the fall of 1973 and full implementation of all pilot courses is anticipated during the 1974-75 academic year.

By use of diagnostic tests, individualized instruction, classroom lectures, tutors, counselors, audio-visual aids, clinics, and small group sections, the student progresses at his or her own pace through the junior college requirements. At the end of the sophomore year, it is expected that the student will be able to function effectively in his or her area of specialization in the upper division of the University.

General Requirements for Graduation

	Credit Hours
English Composition and Literature	12
English Composition (6 credit hours)	
World Literature (6 credit hours)	
Foreign Language (in all majors except Bus Ad. & Economics, Physical Education, Intermediate Education, Early Childhood)	12
The Humanities and Fine Arts	12
Philosophy and/or Religion (6 credit hours)	
Fine Arts (6 credit hours)	
Art	
Music	
Drama, Speech,*	
The Social Sciences	12
History	(distributed over
Economics	at least three areas)
Political Science	
Sociology	
Psychology	
The Natural Sciences and Mathematics	9-10
Mathematics (6 credit hours)	
Natural Sciences (3-4 credit hours)	
Biology	
Chemistry	
Earth Science	
Physics	
Mathematics	
Physical Education	41
Personal Hygiene (2 credit hours)	
Activity (2 credit hours)	

*Excluding Speech 121-122.

All students are required to satisfy requirements of the elementary course in swimming, Physical Education 110. Non-swimmers may register for Physical Education in lieu of one of the required activity courses Physical Education 114, 115, 116, 117, 118, or 119. Students capable of satisfying the requirements of Physical Education 110 may substitute one of the more advanced courses in swimming for one of the required activity courses or they may elect to take the regular requirement of 2 semesters of physical education activity courses.

Students who fail in the mathematics placement tests are required to take a remedial course in mathematics. Students taking the test in French will be placed, according to their scores, in French 131, 132, or 231. Students taking the test in other foreign languages will follow the same procedure as those in French.

It is recommended that students who are placed in French 231-232 take French 333-334 in order to have 12 hours of college French.

Application for Major

It is recommended that not later than the sophomore year, a student shall apply for a major at the end of winter semester through the Registrar's Office on duplicate forms provided for this purpose. The forms are taken to the department of proposed major by the student. Department head will have the opportunity to observe and advise the student while there is enough time to make necessary adjustments in the student's program. The student is then able to find the area which is most profitable for him. When approved, the department head retains one copy and submits the other to the Registrar's Office.

The same procedure is followed to drop a declared major and add a new one.

Foreign Language Requirement

Two years of foreign languages are required of students majoring in all departments except as provided below:

1. Students majoring in mathematics and biology are required to take one year of foreign language or the equivalent.
2. Students majoring in economics and business administration, intermediate education, early childhood education, and physical education are not required to take a foreign language.

English Proficiency

The university requirement of demonstrated English Proficiency must be met by achieving a grade of "C" or better in required English composition course 160.

Exemption from Physical Education Activities

Each student is required to participate in the college physical education program. To be exempted from physical education activities for medical reasons, the student must secure a permanent excuse from the college physician. This excuse must be placed on file in the Registrar's Office. VETERANS ARE EXEMPTED FROM PHYSICAL EDUCATION ACTIVITIES.

MAJOR PROGRAM

Subjects are arranged under the following four divisions:

Division I. **The Humanities**—Communication Arts, Enlgish, French, Music, Philosophy, Religion, Spanish.

Division II. **The Social Sciences**—Business Administration and Economics, History, Political Science, Sociology, and Social Welfare.

Division III. **Education, Physical Education and Health, and Psychology**—Art, Education, (Early Childhood Education, Intermediate Education, and Secondary Education), Geography, Physical Education and Health, Psychology.

Division IV. **Mathematics and Sciences**—Biology, Chemistry Mathematics, Physics.

Students may concentrate in any one of the divisions listed above and may major in the following subjects: Biology, Business Administration, Chemistry, Communication Arts, Economics, Early Childhood Education, Intermediate Education, English, History, Mathematics, Mathematics-Physics, Music Education, Music-Business Administration, Philosophy-Religion, Physical Education, Political Science, Psychology, Sociology, and Social Welfare.

Graduation

General Requirements: Candidates for the bachelor's degree must complete at least 120 hours,* earning a minimum over-all

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*Entrance prior to 1970-1971, 128 semester hours.

grade point average of 2.00, a minimum grade point average of 2.00 in a major area, and satisfy all requirements of the curricula in the General Education Program.

Seniors who fall short of completing requirements for graduation may enroll at other accredited colleges or universities to satisfy completion of requirements, if both the courses to be taken and the institution to be attended are first approved by the Vice President of Academic Affairs, Registrar, and President.

Catalog Requirement: Graduation will be governed by the catalog under which a student first enrolls in the institution if he graduates within a period of five years. Otherwise, graduation requirements will be governed by the catalog which is in effect at the time he re-enters the institution. This regulation will be subject to such additional conditions that may be established by decisions of the Educational Policy Committee, approved by the University administration.

Residence Requirements: A student must complete in residence at least 30 of the 120 semester hours required for the bachelor's degree.

Degrees

The College administers four years of work leading to the degree of Bachelor of Arts or Bachelor of Science.

Degrees with Honors

To be graduated **Cum Laude**—A student must have spent at least two years in residence at the College and have earned an average of 3.0 to 3.49.

To be graduated **Magna Cum Laude**—A student must have spent three years in residence at the College and have earned an average of 3.5 to 3.69, and must have no grade below "C".

To be graduated **Summa Cum Laude**—A student must have spent at least three years in residence at the College and have earned an average of 3.7 to 4.0 and must have no grade below "C".

Course Descriptions

System of Course Numbers

The number of each course has three digits. The first digit indicates the classification level. The second digit indicates the number of credit hours and the third digit merely distinguishes the course from other courses in the classification and credit bracket of the department. Some courses have a middle digit of "8" or "9". The "8" indicates a two credit hour course and "9" a three credit hour course.

A course numbered 231a or 231b denotes that the same course is offered in both semesters, a for the Winter semester, and b for the Spring semester.

Hyphenated courses are regarded as year courses and must be taken in sequence. Courses marked with an asterisk(*) to the right are required for teacher certification. Courses marked with (†) to the right may be used as General Education requirements.

DIVISION I. THE HUMANITIES

The Division of Humanities includes four departments: English and Speech, Foreign Languages, Music, and Religious Education and Philosophy. Majors and minors are offered in all these departments.

Humanities

HUMANITIES 490 Senior Humanities Seminar **Three credit hours.**

An interdisciplinary seminar for majors in the Humanities and in other related fields. A dialogue course designed to provide the opportunity for students to select a topic to be studied from the various perspectives of the Humanities, by means of independent research, seminar discussion, team teaching, visiting lecturers. Prerequisite: senior standing and permission of staff. Spring semester.

DEPARTMENT OF ENGLISH

Objectives

The Department of English seeks to accomplish the following aims:

1. To develop in students an adequacy in the skills of effective writing, speaking, listening, and reading.

2. To emphasize the importance of a mastery of the tools of communication for achievement in all phases of living.
3. To acquaint students with many of the literary masterpieces of the world, together with principles of evaluating them.
4. To encourage students in the cultivation of a genuine appreciation for literature.
5. To provide specialized and intensive study in English and American literature and the English language for students who desire to pursue careers in the teaching of English or in letters.

The Major in Pure English: Thirty semester hours in English above the Sophomore literature requirement. **Required courses:** English 331-332 or 333-334; English 339; three credits in the English Language; and one of the following: English 330 or English 430. Other courses should be elected to assure acceptable distribution over the entire field of English language and literature.

The Teaching Major: Twenty-four semester hours above Sophomore literature and the required courses in the Department of Education. Where feasible, the "teaching major" should secure at least fifteen credits in a Second Teaching Field.

Minor. Eighteen semester hours in English above the Sophomore literature requirement.

Majors and minors in English will not be given credit for courses in English in which they earn grades below "C".

Teacher Certification

Students who choose English as a first teaching field are required 1) to follow the curriculum prescribed for prospective teachers of English; 2) to maintain the 2.2 accumulative grade-point average required for admission to the teacher education program. No course grade earned in English may be lower than "C".

Area of Language and Writing

English 160 **Six credit hours.**

A year course consisting of eight mini-courses, ranging in content from basic skills of speaking, listening, reading, and writing to critical analysis of literature, the research paper, and the study of rhetoric.

Instruction for the individual student begins with his needs; he begins the course with a study of the mini-course appropriate for his needs, as indicated by his performance on the placement test. If his score reveals that he has acquired the competencies and the content of mini-courses one, two, or three, he is given credit for such work and allowed to begin his study with the mini-course appropriate for his needs. After the completion of six mini-courses or their equivalence, the student will exit from the course.

If the student averages a grade less than C on a mini-course, he is required to repeat the mini-course or any portion of it which he has not

mastered. He will receive the grade of I for all incomplete work. Upon the satisfactory completion of such work, he will be assigned the grade of C, B, or A, in keeping with his performance.

For work that averages the grade of B or A for mini-courses seven and eight, the student will receive honors credit.

The student who enters the course at the level of mini-course one, two, or three is required to enroll in a communication skills laboratory, complementing the course. No additional credit hours will be given for laboratory work.

The transfer student who has not completed six credit hours of composition is required to take the placement test in order to determine his entry level in the course.

Incomplete work, assigned the grade of "I" must be completed within a period of two years, after which time the student forfeits his credit for the course.

ENGLISH 133-134 English for Foreign Students
Three credit hours each semester.

ENGLISH 233† Creative Writing **Three credit hours.**
Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in the various genres. Enrollment with prior consent of instructor.

ENGLISH 234 Advanced Composition **Three credit hours**
Use of literature as a basis for writing themes and developing oral and written communication skills. Emphasis on specialized kinds of writing. Rapid review of the business letter and English fundamentals. Mastery of the techniques of research, using the *MLA Style Sheet* as a guide. Recommended for all students who wish to increase their proficiency in oral and written composition.

ENGLISH 491* The English Language **Three credit hours.**
A study of the principles of language study, with special attention to the historical and linguistic forces which have affected the development of the English language.

ENGLISH 493* Modern English Grammar **Three credit hours.**
Rapid review of traditional grammar and current usage problems, followed by a descriptive analysis of the structure of present-day English in the light of recent research in linguistics.

Area of Literature

ENGLISH 231-232† World Literature **Three credit hours each semester.**
An in-depth study of selected literary masterpieces primarily of western civilization, with some attention to major works of other cultures. The chronology of periods and literary movements will be observed wherever feasible; the two halves of the course must be taken in sequence.

ENGLISH 235† Introduction to Fiction **Three credit hours.**
A brief historical survey of the development of short fiction in the Western world; illustration by means of representative stories, some of the major

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*Required for teacher certification.
†May be used to satisfay General Education requirement.

advances made in the techniques of short story and short novel composition by European and American writers during the past century and a half. (May substitute for English 232.)

ENGLISH 330 Chaucer **Three credit hours.**
The "Canterbury Tales," "Troilus and Criseyde". Detailed study of these works with attention to Middle English and medieval culture; study of changing critical approaches to Chaucer.

ENGLISH 331† Great English Writers **Three credit hours.**
A study of major English writers in the various genres.

ENGLISH 332† Great American Writers **Three credit hours.**
A study of major American writers in the various genres.

ENGLISH 333-334 English Literature **Three credit hours each semester.**
A survey of English literature from Beowulf to selected works of the present time.

ENGLISH 335-336 American Literature **Three credit hours each semester.**
A survey of American literature from selected works of the Colonial period to selected works of the present time.

ENGLISH 337 The Novel: To 1850 **Three credit hours.**
Extensive reading of novels by representative writers up to 1850.

ENGLISH 338 The Novel: 1850 to the Present **Three credit hours.**
A continuation of English 335, but each course may be taken independently of the other.

ENGLISH 339 Shakespeare **Three credit hours.**
A study of at least fifteen of the plays (eight in detail).

ENGLISH 390 English Drama Excluding Shakespeare **Three credit hours.**
Chief English dramatists, excluding Shakespeare, from 1593 to closing of the theaters in 1642.

ENGLISH 391 Non-Dramatic Elizabethan and Jacobean Literature
Three credit hours.
Poetry and prose of the period, with emphasis on the development of lyric poetry and on the "Metaphysical School".

ENGLISH 395 Honors Seminar **Three credit hours.**
A seminar for majors who are pursuing Department Honors in English. The course, thematically organized, provides an opportunity for students to study a selected topic by means of independent research and seminar discussions.

ENGLISH 430 Milton **Three credit hours.**
Selected prose and all of the English poems.

ENGLISH 431 Literature: 1660 to 1745 **Three credit hours.**
An in-depth study of the chief writers of this period: Bunyan, Dryden, Defoe, Swift, Steele and Addison, Pope. Consideration of Butler, Locke, Pepys, Congreve, Gay.

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†May be used to satisfy General Education requirement.

ENGLISH 432 Literature: 1745 to 1798 **Three credit hours.**
An in-depth study of the chief literary figures of this period: Fielding, Johnson, Goldsmith. Consideration of Hume, Gray, Collins, Burke, Cowper, Crabbe, Blake, Burns.

ENGLISH 433 British Drama 1660 to 1750 **Three credit hours.**
Plays, playwrights, and theaters from the Restoration to Garrick, from heroic to romantic drama, from Dryden to Lillo, from Etheridge to Fielding and Foote.

ENGLISH 434 British Drama 1750 to 1900 **Three credit hours.**
Sentimental and laughing comedy, Gothic melodrama, romantic melodrama, realism, high comedy, and the social play, including Goldsmith, Sheridan, Lytton, Boucicault, Robertson, Jones, Pinero, Gilbert, Wilde, and Shaw.

ENGLISH 435 Studies in Romantic Literature **Three credit hours.**
A detailed study of the Romantic Movement, including the major English poets—Blake, Wordsworth, Coleridge, Byron, Shelley, Keats—and a broad understanding of the significant prose of the period.

ENGLISH 436 Studies in Victorian Literature **Three credit hours.**
Centered upon intensive study of the major post-Romantic poets, but subject matter may vary from year to year.

ENGLISH 437 Contemporary Literature **Three credit hours.**
Study of outstanding figures of British and American literature from 1914 to the present. Choice of authors and subjects may vary from year to year.

ENGLISH 438† Black Literature in Modern America **Three credit hours.**
A study of key writers associated with Black Nationalism and the Black Arts Movement. Subject matter may vary from year to year.

ENGLISH 439 Principles of Literary Criticism **Three credit hours.**
Review of the history of Western criticism; study of developments in literary theory; guided experiences with practical criticism.

ENGLISH 490 Senior Seminar **Three credit hours.**
See Humanities 490, Senior Humanities Seminar. See page 42.

ENGLISH 494 Afro-American Literature: 1920 to the present.
Three credit hours.
A study of the literature of the period and its historical, cultural, and aesthetic perspectives. Open to in-service teachers, juniors, and seniors.

ENGLISH 499 Independent Study **One to six credit hours.**

Area of The Teaching of English

ENGLISH 429 The Teaching of English **Two credit hours.**
A study of philosophy, materials, and techniques used in teaching language, literature, and composition in grades 7-12.

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†May be used to satisfy General Education requirement.

COMMUNICATION ARTS

The Major in Communication Arts: Twenty-four hours elected from the areas of Communications, Journalism, Speech, and Drama, plus the following required courses—Speech 131-132 (can be used to fulfill General Education requirements); Journalism 231 (may substitute for English 231); Drama 232 (may substitute for English 232); Communications 430.

Area of Speech

All speech courses may be used to satisfy General Education requirement.

SPEECH 131-132 Fundamentals of Speech Three credit hours each semester.
First semester, consideration of the nature of oral communication, training in articulation, pronunciation and vocabulary. Second semester, more intensive training in organization ideas and instruction in the principles of preparing and presenting effective public messages, with emphasis on types of speeches. Required of Communication Arts majors.

SPEECH 230 Fundamentals of Oral Interpretation Three credit hours.
Emphasis on understanding literature through study of meaning, mood, imagery, and theme. Analysis and development of techniques in presentation.

SPEECH 232 Theory and Practice of Persuasion Three credit hours.
Consideration of principles, processes, and methods of persuasion with practice in the preparation and delivery of various types of persuasive speeches; includes critical and creative problems in both oral and written forms.

SPEECH 330 Speaking in the Professions Three credit hours.
Practice in preparing and presenting various types of speeches expected of professional people; planning and conducting public discussions; practice in parliamentary procedure.

SPEECH 331 Rhetoric of the Black Revolution Three credit hours.
An examination of public discourse as it affects and reflects the process of dynamic social change. Historical and contemporary instances of rhetorical processes are considered.

SPEECH 332 Propaganda Three credit hours.
Examination of the theories and an analysis of the techniques of propaganda.

SPEECH 430 Psychology of Speech Three credit hours.
The psychological principles involved in oral communication and how they apply to individual and group special problems.

SPEECH 431 Speech Seminar Three credit hours.
Open to seniors majoring in Communication Arts. Topic to be announced.

Area of Drama

DRAMA 232 Introduction to Drama and The Film **Three credit hours.**
A comprehensive survey of history and theory of the theatre from classical to modern times. Examination of the film as art. Required of Communication Arts majors.

DRAMA 233 Principles of Theatre Arts **Three credit hours.**
A survey of theatre arts designed for developing critical skills in reading plays with relationship to the development of the traditional elements of drama, including fundamental principles of acting with special emphasis on Black dramatists.

DRAMA 333-334 Drama Workshop **Three credit hours each semester.**
A practical course in the staging of plays with attention given to acting, lighting, costuming, make-up, scene design, and other aspects of the art. Lecture and workshop; open to all students interested in dramatics. Though the course may be taken for as many semesters as the student desires, credit will be given only for two semesters' work.

DRAMA 430 Drama Apprenticeship **Three credit hours.**
Open only to seniors majoring in Communication Arts. Practical experience in professional drama.

Area of Communications

COMMUNICATIONS 233 Introduction to Radio **Three credit hours.**
History of radio. Writing, producing, directing, and announcing various types of radio programs.

COMMUNICATIONS 234 Scriptwriting **Three credit hours.**
Instruction and practice in writing for the media.

COMMUNICATIONS 291 Introduction to Television I **Three credit hours.**
Techniques of television. Producing, directing, writing, and announcing commercials, news, documentaries.

COMMUNICATIONS 292 Introduction to Television II **Three credit hours.**
Techniques of television. Producing, directing, writing, announcing news, documentaries, interviews, dramas.

COMMUNICATIONS 330 Creative Expression in the Media **Three credit hours.**
Exploration of the various art forms as modes of creative expression.

COMMUNICATIONS 331 Filmmaking **Three credit hours.**
Practice in selection of subject matter, camera techniques, and editing for the short film.

COMMUNICATIONS 332 Film Criticism **Three credit hours.**
Study of the film as an art form. Viewing and criticism of short and longer subjects. Emphasis on contemporary film.

COMMUNICATIONS 333 Photography **Three credit hours.**
Camera and darkroom techniques.

COMMUNICATIONS 430 Seminar in Mass Media **Three credit hours.**
Required of senior majors in Communication Arts.

COMMUNICATIONS 433-434 Media Apprenticeship
Three credit hours each semester.
Open only to seniors majoring in Communication Arts. Practical experience in the professional media.

Area of Journalism

JOURNALISM 231 Introduction to Journalism and The Mass Media
Three credit hours.
Emphasis on the function of the journalist in a democracy. An investigation of contemporary newspapers and other communications media including radio and television. Required of Communication Arts majors.

JOURNALISM 232 Feature Writing **Three credit hours.**
An introduction to the fundamentals of feature writing and the examination of newspaper and periodical features.

JOURNALISM 233 Sports Writing **Three credit hours.**
Techniques of reporting and analyzing sport events.

JOURNALISM 234 Layout and Design **Three credit hours.**
Techniques of newspaper and magazine composition and advertising graphics.

JOURNALISM 330 The Afro-American Press **Three credit hours.**
A comprehensive history of the Afro-American Press and an examination of Black newspapers.

JOURNALISM 332 Editorial Writing **Three credit hours.**
Examination of the editorial in modern media. Techniques of writing the editorial.

JOURNALISM 334 Photojournalism **Three credit hours.**
Techniques of reporting news stories through the medium of the still camera. Prerequisite: Communications 333.

JOURNALISM 433-434 Journalism Workshop **Three credit hours.**
Practical application of techniques of journalism to the operation and production of the student newspaper.

ENGLISH HONORS PROGRAM

The purpose of the English Honors Program is to provide an environment in which academically gifted English majors can utilize their full learning potential. The program is designed to simulate Honors English majors to think and work independently. Students will also be encouraged to pursue further intellectual and career developments after graduating from Johnson C. Smith.

The English Honors Program adds another dimension to the University's Honors Program. It enables Honors Students with an interest in English to continue Honors work begun in their Freshman and Sophomore years. It also gives English students, not in the Honors Program, an opportunity to develop their full potentiality in their area of special interest.

Requirements for admittance into the program

In order to qualify for the English Honors Program prospective English majors must have a B or better in their Freshman and Sophomore English courses. Students with a 2.75 average in Freshman and Sophomore work may be considered for the program if they exhibit potential and seem highly motivated. Such students must have letters of recommendation from at least two of their English professors. It will be left to the discretion of the English Honors Committee whether or not students with a 2.75 average be admitted into the program.

Each student who is interested in the program is required to meet with the English Honors Committee to have the program fully explained, and to discuss with the committee his or her reasons for wanting to participate in the Honors Program.

The English Honors Program consists of 2 kinds of Honors Courses:

1. **In-Course Honors,** consisting of both English honor students and regular students.

   Requirements: at least 12 credits of in-course honors work. Students may choose the courses in which they wish to do honors work, provided the professor teaching the course agrees.

   In-course honors work will consist of:

   A. More extensive independent research
   B. Class reports in which the findings of the independent research will be presented to the class as a whole
   C. More extensive and in-depth term projects

   Not only will In-Course Honors give the student an opportunity to do more independent research, but it will also give him practical experience in the classroom. Moreover, the other students will benefit from the work of the honors student.

2. **Honors seminars,** consisting of English honors students exclusively

   Requirements: 2 Honors Seminars, one in the first semester of the junior year, and another in the first semester of the senior year.

The seminars will be taught on a rotating basis so that students will be exposed to various members of the English faculty. In some cases, more than one professor might be involved in teaching the Honors Seminar. The topics of the seminars will vary from year to year, depending upon the career goals of the honors students.

DEPARTMENT OF FOREIGN LANGUAGES

Placement Tests—All students who have studied two or more years of a foreign language in high school are required to take a placement examination in that language studied. Students taking the test will be placed according to their scores in either 232, 231, 132, or 131. In case a student fails the placement examination, he is eligible to enroll in any Foreign Language 131.

FRENCH

A minor in French shall consist of fifteen semester hours beyond French 232 or a total of twenty-seven semester hours.

FRENCH 131a-131b Elementary French **Three credit hours.**
Primary object: to enable the students to understand French, written and spoken.

FRENCH 132a-132b Elementary French **Three credit hours.**
Primary object: to enable the student to reproduce easy French, written or spoken. Prerequisite: French 131.

FRENCH 231 Intermediate French **Three credit hours.**
Continued stress on pronunciation and the understanding of the spoken French.

FRENCH 232 Intermediate French **Three credit hours.**
Written themes based on reading and individual projects. Special study of idioms and tense uses. Prerequisite: French 231.

FRENCH 331 Survey of French Civilization to 1715 **Three credit hours.**
A general survey of French civilization from the beginning to 1715, with the major illustrative reading. Instruction in French. Prerequisite: credit for a major from 232.

FRENCH 332 Survey of French Civilization, 1715-1900 **Three credit hours.**
A general survey of the eighteenth and nineteenth centuries, with illustrative readings. Instruction in French. Prerequisite: French 331.

FRENCH 333 Practical French **Lemerite: 3 points (heures) par semestre.**
Exercises pratiques de grammaire et de composition francaise (phonetiques et pratique oraux compris). Les regles discutees en francais. La classe en francais. Necessaire: le francais 232.

FRENCH 334 Phonetics and Oral French **Three credit hours.**
A study of pronounciation, including sound production. Intonation of the spoken phrase. Continued study of idioms. Oral practice. Prerequisite: French 333. Instruction in French.

FRENCH 420 Materials and Methods of Teaching High School French **Two credit hours.**
Offered as a six-week block course during spring semester.

FRENCH 430 Advanced Studies in French Conversation, Grammar, Composition and Oral Practice **Three credit hours.**
For majors only. Instruction in French. Prerequisite: French 333.

FRENCH 431 French Literature from the Origins through the Renaissance
Three credit hours.
A study of the Literature of France in its beginnings and development through the Middle Ages and the Renaissance. This course is conducted in French.

FRENCH 432 French Literature of the 17th Century **Three credit hours.**
A study of the masterpieces of the 17th Century. The works of Corneille, Racine, Moliere, and La Fontaine. For French majors only. This course is conducted in French.

FRENCH 433 French Literature of the 18th Century **Three credit hours.**
A study of the tragedies, comedies, and dramas of the period. For French majors only. This course is conducted in French.

FRENCH 434 French Literature of the 19th Century **Three credit hours.**
A study of the most important romantic and realistic dramas. For French majors only. This course is conducted in French.

FRENCH 435 French Literature of the 20th Century **Three credit hours.**
A study of the principal literary trends and significant writers since 1900. This course is conducted in French. (1972-1973 and alternate years).

SPANISH

A minor in Spanish shall consist of fifteen hours beyond Spanish 232 or a total of twenty-seven semester hours.

SPANISH 131 Elementary Spanish **Three credit hours.**
Designed to develop the skills necessary for oral and written expressions.

SPANISH 132 Elementary Spanish **Three credit hours.**
Continued practice in the skillu of oral and written expressions. Prerequisite: Spanish 131.

SPANISH 231 Intermediate Spanish **Three credit hours.**
Futher practice in conversation and composition. Analysis of the basic grammatical principles. Prerequisite: Spanish 132.

SPANISH 232 Intermediate Spanish **Three credit hours.**
Continued emphasis on spoken and written Spanish. Prerequisite: Spanish 231.

SPANISH 331 Advanced Spanish Grammar, Composition and Conversation
Three credit hours.
Selected readings in Spanish and Latin-American Literature. For students who want intensive oral and written work in Spanish. Prerequisite: Spanish 232.

SPANISH 332 Advanced Spanish Grammar, Composition and Conversation
Three credit hours.
Selected readings in Spanish and Latin-American Literature. For students who want intensive oral and written work in Spanish. Prerequisite: Spanish 331.

SPANISH 333 Survey of Spanish and Spanish-American Literature to 1700
Three credit hours.
Lectures, readings, discussions, and reports conducted in Spanish.

SPANISH 334 Survey of Spanish and Spanish-American Literature since 1700
Three credit hours.

Lectures, readings, discussions, and reports conducted in Spanish. Prerequisite: Spanish 333.

SPANISH 431 The Golden Age of Spanish Literature—the most important works **Three credit hours.**

Lectures, readings, discussions, and reports. In this course are studied the masterpieces of the Golden Age. Conducted in Spanish. Prerequisite: Spanish 332.

DEPARTMENT OF MUSIC

Music Education Major

The degree of Bachelor of Arts with a major in Music Education is designed for students who wish to be certified in public school music. The Music Education program prepares the student for the North Carolina "A" grade certificate for elementary and high school teaching.

The student may select from two areas of preparation in Music Education, the General Program (Piano and Voice emphasis) and the Instrumental Program. Either program requires a minimum of fifty-one (51) semester hours credit for graduation. A summary of the required courses is as follows: Theory, sixteen (16) semester hours, Music Appreciation, History and Literature, nine (9) semester hours, Conducting, two (2) semester hours, Music Education, six (6) semester hours and eighteen (18) semester hours of applied music as outlined by the department.

A minor in music consists of twenty (20) semester hours, including eight (8) semester hours of Theory, six (6) semester hours of Music Appreciation or History and Literature and six (6) semester hours of approved electives.

All Music-Education majors who wish to qualify for the North Carolina "A" grade certificate must complete the professional and certification courses as outlined by the Department of Education, including Education 463, "Student Teaching in the Secondary Schools".

Music-Business Administration Major

The degree Bachelor of Arts with a major in Music and a concentration in Business Administration is designed for students who wish to pursue a career in the area of music business, encompassing management, sales and other aspects of the business facets of music production. This course of study will present to the student the fundamentals of music theory and practice, applied music and music history and literature. Applied music courses will stress technique, repertoire and sources of materials of all instruments.

The program requires a minimum of 50 semester hours credit for graduation. A summary of the required courses is as follows: Economics, 6 semester hours; Accounting, 6 semester hours; Principles of Marketing, 3 semester hours; Salesmanship, 3 semester hours; Retailing, 3 semester hours; Internship or Project (currently listed as Economics 461), 6 semester hours; Music Theory, 6 semester hours and Ensemble, 4 semester hours credit.

The program for the Music-Business Administration should begin in the freshman year.

All students majoring in music must pass a piano proficiency examination.

The program of study for the major or minor in music should begin in the freshman year.

All music majors and minors are required to participate in ensemble work four years and each music major is required to present a recital in his major instrument during his senior year.

All music majors and minors are required to attend concerts and recitals presented by the department.

MUSIC THEORY

MUSIC 131-132 The Fundamentals of Music
Three credit hours each semester.
An introductory course in music, including fundamentals of music notation and terminology, use of keyboard, rhythmic activity, aural and written theory. Three class hours and one one-hour laboratory period a week.

MUSIC 223-224 Written Theory (Harmony) Three credit hours each semester.
First semester: Study of chord formations, simple modulations, suspensions, secondary seventh chords, the dominant ninth and its inversions. Second semester: The study of figured basses chromatic alterations, modulations by means of altered chords, song forms and original work. Two class hours and one one-hour laboratory period a week.

MUSIC 225-226 Aural Theory (Sight-Singing and Ear-Training)
Two credit hours each semester.
Systematic training in the fundamentals of sight-singing and ear-training. Two class hours and one one-hour laboratory period a week.

MUSIC 322 Conducting **Two credit hours.**
A study of the technique of conducting instrumental and vocal groups.

MUSIC 323 Orchestration **Two credit hours.**
A study of instruments of the orchestra together with the practical study of the art of symphonic scoring.

MUSIC 425 Form and Analysis **Two credit hours.**
A study of the small part-forms through the larger part-forms.

MUSIC 426 Counterpoint **Two credit hours.**
An intensive survey of tonal counterpoint.

APPLIED MUSIC
Piano

MUSIC 113-114 Piano (Individual) **One credit hour each semester.**
Instruction to meet the needs of students at various stages of proficiency. One half-hour lesson per week. Two or three hours of practice daily.

MUSIC 213-214 Piano (Individual) **One credit hour each semester.**
Additional technique and repertoire materials. One half-hour lesson per week. Two to three hours of practice daily.

MUSIC 313-314 Piano (Individual) **One credit hour each semester.**
Continuation of advanced technique and literature. One half-hour lesson per week. Two to three hours practice daily.

MUSIC 413-414 Piano (Individual) **One credit hour each semester.**
Continuation of advanced technique and literature. One half-hour lesson per week. Two to three hours of practice daily. Senior recital.

MUSIC 423-424 Piano (Individual) **Two credit hours each semester.**
Two half-hour lessons per week.

Organ

MUSIC 117-118 Organ (Individual) **One credit hour each semester.**
Students must demonstrate ability to play the piano fluently, have a working knowledge of scales, triads, arpeggios; sight read accurately. Principles of organ touch and technique. Preparatory manual and pedal studies. Selected pieces from standard organ repertoire. One half-hour lesson per week.

MUSIC 217-218 Organ (Individual) **One credit hour each semester.**
Advanced pedal and manual studies continued. Simple modulations at the organ; transpositions, improvisations. Repertoire building continued. One half-hour lesson per week.

MUSIC 417-418 Organ (Individual) **One credit hour each semester.**
Continuation of the above. Senior recital. One half-hour lesson per week.

MUSIC 427-428 Organ (Individual) **Two credit hours each semester.**
Two half-hour lessons per week.

Voice

MUSIC 115-116 Voice **One credit hour each semester.**
Study and principles of voice production, examination and evaluation of solo materials, classification of voices. This course is the prerequisite for advanced courses in voice. Two class hours per week.

MUSIC 215-216 Voice (Individual) **One credit hour each semester.**
Continuation of Voice 115-116. One half-hour lesson per week. One to two hours practice daily.

MUSIC 315-316 Voice (Individual) **One credit hour each semester.**
Continuation of Voice 215-216. One half-hour lesson per week. One to two hours practice daily.

MUSIC 415-416 Voice (Individual) **One credit hour each semester.**
Continuation of Voice 315-316. One half-hour lesson per week. One to two hours practice daily. Senior recital.

MUSIC 425-426 Voice (Individual) **Two credit hours each semester.**
Two half-hour lessons per week.

ORCHESTRAL INSTRUMENTS

MUSIC 610-611 String Class **One credit hour each semester.**
For the beginner. Individual and ensemble playing of exercises, scales, arpeggios and easy compositions. Two class hours per week.

MUSIC 612-613 Strings (Individual)

MUSIC 614-615 Strings (Individual)

MUSIC 616-617 Strings (Individual)

MUSIC 618-619 Strings (Individual) **One credit hour each semester.**
A study of the technique and repertoire of the chosen instrument. One half-hour lesson per week.

MUSIC 620-621 Strings (Individual) **Two credit hours each semester**
A study of the technique and repertoire of the chosen instrument. Two half-hour lessons per week.

MUSIC 710-711 Woodwind Class **One credit hour each semester.**
For the beginner. Individual and ensemble playing of exercises, scales, arpeggios and easy compositions. Two class hours per week.

MUSIC 712-713 Woodwind (Individual)

MUSIC 714-715 Woodwind (Individual)

MUSIC 716-717 Woodwind (Individual)

MUSIC 718-719 Woodwind (Individual) **One credit hour each semester.**
A study of the technique and repertoire of the chosen instrument. One half-hour lesson per week.

MUSIC 720-721 Woodwind (Individual) **Two credit hours each semester.**
A study of the technique and repertoire of the chosen instrument. Two half-hour lessons per week.

MUSIC 810-811 Brass and Percussion Class **One credit hour each semester.**
For the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions. Two class hours per week.

MUSIC 812-813 Brass and Percussion (Individual)

MUSIC 814-815 Brass and Percussion (Individual)

MUSIC 816-817 Brass and Percussion (Individual)

MUSIC 818-819 Brass and Percussion (Individual)
A study of the technique and repertoire of the chosen instrument. One half-hour lesson per week.

MUSIC 820-821 Brass and Percussion (Individual)
Two credit hours each semester.
A study of the technique and repertoire of the chosen instrument. Two half-hour lessons per week.

MUSIC EDUCATION

MUSIC 231 Music Appreciation for the Elementary School Teacher
Three credit hours.
Designed for the grade school teacher who is not a music specialist and covers methods, materials and activities in music appreciation.

MUSIC 339 The Teaching of Music in Elementary School Three credit hours.
Principles, objectives, material and procedures for meeting the needs of the music teacher in elementary schools.

MUSIC 432 The Teaching of Music in the Secondary School
Three credit hours.
Principles, objectives, materials, and procedures for meeting the needs of the music teacher in secondary schools.

MUSIC APPRECIATION, HISTORY AND LITERATURE

MUSIC 131† Music Appreciation Three credit hours.
An introduction to the appreciation of music. Designed as a cultural course to acquaint students with the major factors involved in intelligent listening and the importance of the art as a whole.

MUSIC 337-338 Music History and Literature
Three credit hours each semester.
A general survey of the development of music from primitive sources to the present day.

MUSIC 329 African and Afro-American Music Two credit hours.
A general survey of music in African and Afro-American cultures.

MUSIC 429 Independent Study or Seminar Two credit hours.
Investigation of some aspect of music or music education. Prerequisite: permission of the department.

ENSEMBLES

MUSIC 1H1-1H2 Vocal Ensemble (University Choir)
One credit hour each semester.
This course presents choral music of the best type in performances of the highest possible standard. Members are chosen by examination. Appearances at various college and church functions throughout the year are required of those taking the course. Five laboratory hours per week. (Credit for additional years participation in the choir will be granted on the same basis.)

MUSIC 1H3-1H4 Instrumental Ensemble (University Band)
One credit hour each semester.
This course presents instrumental music of the best type in performance of the highest possible standard. (Credit for additional years participation will be granted on the same basis.)

DEPARTMENT OF PHILOSOPHY AND RELIGION

PHILOSOPHY

Purpose. In the philosophy courses, the Department tries to serve two purposes: 1. to offer a major or minor area of emphasis for students who acquire a continuing interest in philosophy; 2. to offer elective courses in various philosophical subjects for students in other disciplines who wish to broaden their intellectual perspectives. An asterick(*) identifies those elective courses that are designed for all interested students, both the occasional student as well as majors and minors in philosophy or religion. A double asterisk (**) identifies courses designed especially for students in mathematics and the sciences. Philosophy courses that also serve as General Education courses are indicated by (†) after the course number. (See 131, 233, 234).

Major. A major in philosophy-religion consists of 21 hours in the department (exclusive of 100 level courses) and 9 hours in a related field. The specific courses comprising these 21 departmental hours and 9 related hours are determined by the following procedure: the student, in consultation with the advisor, prepared the selection of courses deemed most appropriate for his or her needs and interests; the student presents this suggested program for consideration at a departmental meeting; those courses approved by the department become the requirements for a philosophy-religion major for that student. Of the 21 hours within the department, a minimum of 6 hours must be in that area (philosophy or religion) not being emphasized by the student.

Minor. A minor in philosophy-religion consists of 15 hours in the department (exclusive of 100 level courses). The specific courses comprising these 15 hours are selected by the students and approved by the department in the same procedure given above for majors. Of the 15 hours, a minimum of 3 hours must be in that area (philosophy or religion) not being emphasized by the student.

Courses. All Philosophy courses carry 3 semester hours credit. Courses marked "Winter" and/or "Spring" are offered every year in the semester indicated.

PHILOSOPHY 131*† Introduction to Philosophy **Three credit hours.**
A course introducing the student to the reading and doing of philosophy, with discussion of methods of philosophical inquiry and representative philosophical concepts. Winter and Spring Semesters.

PHILOSOPHY 231* Ancient Philosophy **Three credit hours.**
How it all began: the history of philosophical thought in the Greco-Roman world, from the Ionians to the Roman Stoics. Prerequisite: 131. Winter and Spring Semesters.

PHILOSOPHY 233*† Practical Logic **Three credit hours.**
A survey of the basic problems of clear and straight thinking with emphasis on their application to the use of language. Prerequisite: 131. Winter and Spring Semesters.

PHILOSOPHY 234*† Ethics **Three credit hours.**
A study of basic methods and selected systems of ethical thinking, discussed in terms of their relevance to present-day moral issues facing both individuals and society. Prerequisite: 131. Winter and Spring Semesters.

PHILOSOPHY 239 Introduction to Formal Logic and Scientific Method.** **Three credit hours.**
A presentation of significant aspects of symbolic and mathematical logic along with general reference to traditional logic. Prerequisite: 131. Winter Semester.

PHILOSOPHY 331* Modern Philosophy **Three credit hours**
The history of philosophical thought from the Renaissance to the present time. Prerequisite: 231 or permission of the instructor. Spring Semester, alternate years.

PHILOSOPHY 333* Philosophy of Religion **Three credit hours.**
A philosophical investigation of such topics as faith and reason, religious language, the nature and existence of God, the religious view of man. Prerequisite: permission of the instructor. Spring Semester, alternate years. Same as Religion 333.

PHILOSOPHY 334* Mysticism in the Western World **Three credit hours.**
A study of the great mystics in the West, from pre-Christian Greece through the medieval Age of Faith to Protestant, Catholic, and contemporary non-religious mystics, including various debatable claims regarding "mystical" experience. Prerequisite: permission of the instructor. Spring Semester, alternate years.

PHILOSOPHY 336 Philosophy of Science** **Three credit hours.**
The general nature of scientific thought as indicated by the criteria of knowledge, methods and presuppositions of science. Prerequisite: 239 or permission of the instructor. Spring Semester, alternate years.

PHILOSOPHY 432 Seminar in Philosophy **Three credit hours.**
Advanced research on selected philosophical topics. Prerequisite: permission of the instructor. Spring Semester.

PHILOSOPHY 490 Philosophy Seminar in the Humanities Three credit hours.
Same as Humanities 490, Senior Humanities Seminar. See page 42.

RELIGION

Purpose. In the religion courses, the Department tries to provide the opportunity for learning experiences in the following content areas: the Judeo-Christian Tradition, including Biblical Literature, Church History, Afro-American Perspectives; the African influence; other major religious traditions in the contemporary world; methods and procedures in Christian education and worship.

Major. A major in religion consists of 21 hours in religion (exclusive of 100-level courses) and 9 hours in a related field. The specific courses comprising these 21 religion hours and 9 related hours are determined by the following procedure: the student, in consultation with the advisor(s), prepares the selection of courses deemed most appropriate for his or her needs and interests; the student presents this suggested program for consideration at a departmental meeting; those courses approved by the department become the requirements for a religion major for that student.

Minor. A minor in religion consists of 15 hours in religion (exclusive of 100-level courses). The specific courses comprising these 15 hours are selected by the student and approved by the department in the same procedure given above for majors.

Teaching Certificate. A certificate for teaching religion in the State of North Carolina requires 20 hours in religion (inclusive of 100-level courses), of which 6 hours must be in Old Testament and 6 hours in New Testament.

Courses. All religion courses carry three credit hours, with the exceptions of 220, 221, and 222. Courses marked "Winter" and /or "Spring" are offered every year in the semester indicated. Courses marked "alternate years" are offered every year in the semester indicated. Courses marked "alternate years" are offered every other year. Religion courses that serve to meet General Education Requirements are indicated by (†) after the course number. (See 130 and 131).

RELIGION 130† The Judeo-Christian Heritage **Three credit hours.**
The essential insights and ideas of the Old and New Testaments and their continuing values for man today. Winter and Spring Semesters.

RELIGION 131† Survey of the Great Living Religions **Three credit hours.**
A study of the living religions of the world, including the religions of Africa, in the light of their historical development, beliefs, practices and contemporary importance. Winter and Spring Semesters.

RELIGION 220 Worship **Two credit hours.**
A practical study of the objectives, methods, and materials for worship in the Christian Education Program of the local church. Spring Semester.

RELIGION 221 The Christian Education Program of the Church. **Two credit hours.**
A thorough study of the organization and administration of an effective church program for adults, youth, and children. Winter Semester.

RELIGION 222 Field Experience **Two credit hours.**
Supervised field work in churches or church-related programs. May be repeated once for credit. To be taken in conjunction with Religion 220 and 221.

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†May be used to satisfy General Education requirement.

RELIGION 230 Early Hebrew Religion (to 586 B.C.) Three credit hours.
An introduction to the historic, poetic, wisdom, and prophetic literature of the Hebrew people up to the Exile. This literature is examined in its historical setting and for its value in the contemporary world. Winter Semester. alternate years

RELIGION 231 Later Hebrew Religion (586 B.C. to 70 A.D.)
Three credit hours.
A continuation of 230; the development of the Hebrew religion and people into Judaism up to the destruction of Jerusalem. Apocalyptic and extra-canonical writings as well as the ancient roots of anti-Semitism are considered. Spring Semester, alternate years.

RELIGION 232 The Life and Teachings of Jesus Three credit hours.
A study of the life and teachings of Jesus as found in the four Gospels and their relation to current problems. Winter Semester.

RELIGION 233 The Pauline Tradition Three credit hours.
The particular form of Christian thought, experience and living portrayed in the life and writings of Paul as recorded in the Book of Acts and in the Pauline letters. Spring Semester, alternate years.

RELIGION 234 The Later Books of the New Testament Three credit hours.
The particular forms of Christian thought, experience and living portrayed in those writings which come from the later years of the New Testament Period. Spring Semester, alternate years.

RELIGION 235 The History of Christianity in Europe, to the 17th Century
Three credit hours.
The historical development of Christian thought and institutions in the Western world: the Early Church Fathers, the Medieval Churchmen, the Protestant Reformers, European Christianity on the eve of the migrations to America. Winter Semester, alternate years.

RELIGION 236 The History of Christianity in America Three credit hours.
A continuation of 235. Major aspects of Christian thought and institutions in the United States, from colonial days to the present, with special reference to the development of the Afro-American Churches. Spring Semester, alternate years.

RELIGION 330 The Black Man: His Religious Institutions and Thought
Three credit hours.
A study of the Afro-American religious experience with attention to its African antecedents, its development in dependence upon and independence of Euro-American Christianity, and the emerging critique of religion's relevance to culture. Spring Semester.

RELIGION 331 Recent Developments in Religious Experience
Three credit hours.
The relation of contemporary religious thought to the occult, witchcraft, astrology, communal living, ESP, the drug scene, and new modes of communication. Spring Semester.

RELIGION 333 The Philosophy of Religion Three credit hours.
A philosophical investigation of such topics as faith and reason, religious language, the nature and existence of God, the religious view of man. (Same as Philosophy 333.) Spring Semester, alternate years.

RELIGION 334 The Psychology of Religion **Three credit hours.**
A study of the psychological factors in religious experience and the dynamic patterns affecting religious adjustment and maladjustment, with special attention to the problems of sin, guilt, conversion, and religious beliefs. Prerequisite: Permission of the instructor. Winter Semester, alternate years.

RELIGION 335 The Sociology of Religion **Three credit hours**
A functional analysis of the inter-relationships between society, culture, and religion; the role of the church and religion in the social order and social change. Spring Semester, alternate years.

RELIGION 336 Religious Dimensions in Art **Three credit hours.**
New ways of finding sacred beauty in dance, jazz, film, words, painting, sculpture, and architecture. Spring Semester, alternate years.

RELIGION 430 Seminar in Religion **Three credit hours.**
Advanced research on selected topics in religion. Spring Semester.

RELIGION 490 Religion Seminar in the Humanities **Three credit hours.**
Same as Senior Humanities Seminar. See page 42.

DIVISION II: THE SOCIAL SCIENCES

The Division of the Social Sciences is composed of the following departments: Economics-Business Administration; History-Political Science; Sociology-Social Welfare. The Division offers majors in Economics, Business Administration, History, Political Science, Sociology, and Sociology with a concentration in social welfare. Students majoring in any of the above areas are required to complete at least one course in each of the three remaining major areas. A student may also complete work for a major in the Social Sciences as prescribed below.

The Social Science Major

The Social Science major, consisting of forty-two (42) semester hours of course work is designed basically to accommodate two categories of students: (1) those who are prospective social studies teachers and (2) those students who are seeking a more general background in the social science area. Students electing a major in the social sciences are required to complete twenty-one (21) semester hours of subject matter concentration (It is recommended that prospective social studies teachers meet this requirement by electing a concentration in history), and twenty-one (21) semester hours of course work chosen from three (3) or more of the other major areas in the social science division.

SOCIAL SCIENCE

SOCIAL SCIENCE 490 Social Science Seminar **Three credit hours.**
Aimed at helping students achieve a synthesis of social science knowledge, this course is conducted by selected members of the division faculty. Open to juniors and seniors; non-majors by permission of the staff. Students may receive credit in their chosen areas of concentration.

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

The Department of Business Administration and Economics has a four-fold purpose:

1. To guide students in understanding the operation of the business and economic systems and to stress the interrelation among the various social sciences.
2. To prepare students for entry level jobs in profit-and non-profit-making organizations.
3. To provide a broad background for majors who intend to pursue graduate studies in Economics, Business and other related fields.
4. To develop leadership qualities in students that are necessary for making a constructive contribution to society through a chosen vocation.

BUSINESS ADMINISTRATION

The courses offered in the Business Administration Curriculum provide specialized concentration in four areas: (1) General Business, (2) Accounting, (3) Marketing, and (4) Music-Business Administration (See Department of Music). Each student is required to choose one area of concentration. The four fields have a number of basic courses in common, and then continue with those most suitable for the desired specialization.

AREA OF GENERAL BUSINESS

Requirements: A major in General Business consists of 36 semester hours in Business, including Business 332, Accounting 235-236, Marketing 331, Economics 131-132, and Mathematics 136.

BUSINESS 121 Personal and Family Finance **Two credit hours.**
To analyze financial decisions and judgments which the average individual and family make during a lifetime.

BUSINESS 331 Principles of Insurance **Three credit hours.**
A study of the economic and social services as well as the techniques and underlying principles of insurance.

BUSINESS 332 Business Law **Three credit hours.**
A course in the elements of business law.

BUSINESS 333 Principles of Management **Three credit hours.**
The principles and techniques underlying the successful organization and management of business activities. Attention is given to planning, staffing, dircting and controlling industrial enterprise.

BUSINESS 334 Personnel Management **Three credit hours.**
A study of the basic principles of management: employment procedures, testing, training, remuneration plans, handling of grievances, promotion, and transfer of personnel records.

BUSINESS 431 Corporate Finance **Three credit hours.**
A study of theories, procedures, institutions, instruments, problems, and policies that are involved in the acquisition and use of money by small and large business corporations.

BUSINESS 432 Production Control **Three credit hours.**
Development of ability to analyze and solve production problems and formulate production policies. Introduction to quantitative techniques in production management.

BUSINESS 433 Fundamentals of Real Estate **Three credit hours.**
Analyze the nature of transactions involved in the acquisition and use of real estate, and the nature of real estate markets. Deals with real estate problems from the standpoint of business administrators, brokers, and property owners.

AREA OF ECONOMICS

Major in Economics: Thirty (30) semester hours in economics with grades of C or better. The thirty hours must include Economics 131-132, 335, 336, 431, Mathematics 136, and Accounting 235.

All courses in economics carry credit for three hours and will meet for three hours weekly.

ECONOMICS 131-132 Principles of Economics
Three credit hours each semester.
An introductory course in principles and theories of Economics. Prerequisite for all Economics courses except 231 and 333. (Non-majors take 131.)

ECONOMICS 231 Black Economic Problems **Three credit hours.**
The functioning of the American economy as viewed by black people.

ECONOMICS 331 Money and Banking **Three credit hours.**
Credit instruments, problems of prices and institutional practices. Special emphasis on practical banking operations.

ECONOMICS 332 Urban and Regional Economics **Three credit hours.**
Designed to analyze and understand the various theories of regional and urban development.

ECONOMICS 333 Economic Development of the United States
Three credit hours.
Economic history of the United States during the twentieth century.

ECONOMICS 334 International Economics and Social Problems
Three credit hours.
A comprehensive view of the international field of exchange, production and distribution.

ECONOMICS 335 Microeconomic Theory **Three credit hours.**
Value and distribution theory, including the theory of consumer behavior and the theory of the firm.

ECONOMICS 336 Macroeconomic Theory **Three credit hours.**
Analysis of the level of national income, employment, and the price level.

ECONOMICS 431 Industrial Organization and Regulation of Business
Three credit hours.
Market structures and problems of public policy created by the attempt at their control and regulation.

ECONOMICS 432 Introduction to Econometrics **Three credit hours.**
The application of statistics and mathematics to economic problems. The formulation of economic models, their measurement and verification.

ECONOMICS 433 Economic Development **Three credit hours.**
Economics of underdeveloped countries. Major concentration on African countries.

ECONOMICS 434 Development of Economic Thought **Three credit hours.**
Development of economic doctrines from earliest thinkers down to the present day contributors to economic thought.

ECONOMICS 461 Internship or Project **Six credit hours.**
Special in-service jobs or research.

AREA OF ACCOUNTING

Requirements: A major in Business Administration with a concentration in Accounting requires completion of 27 semester hours of Accounting and Economics 131-132 and Mathematics 136.

ACCOUNTING 231 Techniques of Digital Computing I
See Department of Mathematics.

ACCOUNTING 235-236 Principles of Accounting
Three credit hours each semester.
The fundamental element of accounting. Prerequisite for all courses in Accounting. Two semester course.

ACCOUNTING 335-336 Intermediate Accounting
Three credit hours each semester.
A study of higher and more technical principles of accounting. Two semester course.

ACCOUNTING 337-338 Cost Accounting
Three credit hours each semester.
The study of basic cost accounting principles, practices and procedures with special applications to job order costing, process cost accounting, managerial profit planning and budgeting. Two semester course.

ACCOUNTING 435-436 Advanced Accounting
Three credit hours each semester.
A laboratory course in the procedures of consolidating balance sheet and income statements; accounting for mergers and conglomerates. The impact of regulatory agency laws will be discussed. Two semester course.

ACCOUNTING 437 Federal Income Taxes **Three credit hours.**
A course in the fundamentals of federal income tax relating to individuals, partnerships, and corporations, including the effect of tax laws upon business decisions.

ACCOUNTING 438 Auditing **Three credit hours.**
This is a study of the purposes and scope of audits and examinations; auditing standards; procedures to the various types of audits and special investigations; and form and scope of report presentation. The theory and practice work includes an integrated case study which involves the preparation of the working papers and the report for a complete audit which is completed during the semester.

AREA OF MARKETING

Requirements: A major in Business Administration with a concentration in marketing consists of 30 semester hours in Business, including Marketing 331, Economics 131-132, Accounting 235-236, and Mathematics 136.

MARKETING 331 Principles of Marketing **Three credit hours.**
This course is designed to show the characteristics, history, and functions relating to marketing and the principles involved in mass salesmanship. Requisite for all courses in Marketing except 332, 333 and 334.

MARKETING 332 Advertising **Three credit hours.**
This course is intended to provide an understanding of advertising: its functions in our way of life, its role in business, how problems.

MARKETING 333 Salesmanship and Sales Management **Three credit hours.**
A study covering both the theoretical principles and practical application of modern selling with an analysis of the managerial functions.

MARKETING 334 Principles of Retailing **Three credit hours.**
An introduction to the structure of retailing and problems associated with the management of retail stores of various types.

MARKETING 431 Marketing Research **Three credit hours.**
The nature of marketing problems, problem definition and formulation of hypotheses, theories of measurement, experimented design and survey techniques applied to marketing problems.

MARKETING 432 Managerial Marketing **Three credit hours.**
An analysis of the nature and work of the manager of marketing who organizes, directs, and controls the various functional specialities of marketing.

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†May be used to satisfy General Education requirement.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

HISTORY

Major and Minor in History. For a major in history, the student is required to complete thirty (30) semester hours of course work. For a minor in history, the student is required to complete eighteen (18) semester hours of course work. The courses History 131, 132, 135, 136, and 333 are required of all majors and minors. History majors must also complete introductory courses in Economics, Political Science, and Sociology.

HISTORY 131† World Civilization I **Three credit hours.**
A study of the world's major civilizations from the Stone Age to 1500; the strengths and weakness of those societies; parallel developments and cultural interaction.

HISTORY 132† World Civilization II **Three credit hours.**
Primarily a study of the development of western European civilization since 1500 and its impact on the rest of the world.

HISTORY 135† History of the United States to 1865 **Three credit hours.**
A study of the United States from its European backgrounds to 1865.

HISTORY 136† History of the United States since 1865 **Three credit hours.**
A study of the United States from the conclusions of the Civil War to the present.

HISTORY 231 History of Africa to 1800 **Three credit hours.**
The geographical, ethnological, and cultural background of African history; political development, legitimate commerce, the slave trade, and the mingling of the different peoples—European and African. Prerequisite: 6 hours of history. Offered in alternate years.

HISTORY 232 History of Africa since 1800 **Three credit hours.**
Slave trade, abolitions, migrations, conquests; the colonial period, the rise of African nationalism and after. Prerequisites: 6 hours of history. Offered in alternate years.

HISTORY 233 Early Modern Europe, 1350-1789 **Three credit hours.**
A study of radical social change in Europe from the late middle ages to the eve of the French Revolution; Renaissance and Reformation, political absolutism and the Enlightenment. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 234 Revolution and Romanticism, 1789-1914 **Three credit hours.**
Europe from the French Revolution to the outbreak of World War I; the rise of romantic nationalism, liberal democracy, industrialism, and the "white man's burden"—imperialism. Prerequisite: History 131 and 132. Offered in alternate years.

HISTORY 335 History of Russia to the Eve of the Great Reforms
Three credit hours.
Geography of the Kievan State, the political ideas, institutions and society; Peter the Great; Europeanization; the awakening of literature and thought. Prerequisite: History 233, 234, 235, and 236. Offered in alternate years.

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†May be used to satisfy General Education requirement.

HISTORY 238 American Colonial Civilization **Three credit hours.**
The study of an "underdeveloped area" and the economic, political, and religious life of the different colonies; the contributions of the various immigrants. Prerequisite: History 135 and 136. Offered in alternate years.

HISTORY 239 The New Nation, 1776-1820 **Three credit hours.**
The U.S. During the formative years of the early republic from the War of Independence to the so-called "era of good feeling". Considerable attention devoted to the creative personalities of the period. Prerequisite: History 135 and 136. Offered in alternate years.

HISTORY 333 Historiography **Three credit hours.**
An introduction to the methods of historical research, the more prominent philosophies of history, and an investigation of the work of outstanding historians. Prerequisite: 9 hours of history.

HISTORY 334 Constitutional History of England **Three credit hours.**
The development of English government from the early middle ages to the present; emphasis is on central concepts—government of laws and consent to the governed—and their realization in institutional forms—limited monarchy, Parliament, the common law, and democratic suffrage. Prerequisite: 9 hours of history or by permission. Recommended for pre-law students.

HISTORY 335 Sectionalism and Conflict, 1820-1865 **Three credit hours.**
The American experience from the Missouri Compromise through the Civil War; Jacksonian democracy, territorial expansion, Black slavery and the rise of Southern nationalism. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 336 Emergence of Modern America, 1865-1900 **Three credit hours.**
A study of the revolutionary changes in American life from the end of the Civil War to the close of the 19th century, the failure of Reconstruction, the origins of racial segregation; America's emergence as an industrial giant. Prerequisite: History 135 and 136. Offered in alternate years.

HISTORY 337 History of Latin America **Three credit hours.**
The growth of the Latin American republics from their colonial periods; their relations with one another and with the outside world. Prerequisite: 6 hours of history.

HISTORY 338 Black History in the U.S. **Three credit hours.**
A study of the contributions of Blacks to American History and civilization; efforts at racial adjustment and struggle for social justice. Prerequisites: History 135 and 136.

HISTORY 339 Constitutional History of the U.S. **Three credit hours.**
English and colonial origins; the American Revolution; formation and adoption of the Constitution; growth of judicial power; the issue of slavery. Prerequisites: History 135, 136, and 334. Recommended for pre-law students.

HISTORY 431 Twentieth Century Europe **Three credit hours.**
A study of World War I and its fateful consequences—the rise of totalitarian dictatorships and World War II; the Post war reconstruction of Europe and the Cold War. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 432 Twentieth Century America **Three credit hours.**
A consideration of the progressive movement, World War I, and the '20's, the Depression, World War II, the civil rights movement; the widespread impact of technology on American domestic life and our position as a world power. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 436 History Seminar **Three credit hours.**
A particular historical problem is investigated by means of in depth research and discussion. Prerequisite: 15 hours of history. May be repeated one time for credit.

HISTORY 439 Independent Study **Three credit hours.**
An arranged program of independent study and research for senior students with a 3.0 average or better in the History major. May be repeated one time for credit.

HISTORY 490 Social Science Seminar **Three credit hours.**
See "Social Science Seminar", p. 63.

POLITICAL SCIENCE

The curriculum in Political Science is designed to prepare students for civic participation, graduate or professional study, private or public employment, and teaching.

Major Requirements—For a major in Political Science, the student is required to complete thirty (30) semester hours of course work. Introductory courses in Economics, History, and Sociology are required. At the time a major in Political Science is declared, the student is required to plan, with his advisor, a program of study designed to meet his particular needs in Political Science. Students planning to do graduate work in Political Science should take Mathematics 136 (Statistics) and should satisfy the language requirement with either French or German. Political Science 131 is a prerequisite for electing other courses contained in the Political Science curriculum.

POL. SCI. 131† American Government **Three credit hours.**
Study of the development, structure, and operation of the American political system. Offered each semester.

POL. SCI. 230 Introduction to Political Analysis **Three credit hours.**
An introductory study and application of the concepts and methods necessary for an analysis of the political system. Open only to Political Science majors.

POL. SCI. 231 Intergovernmental Relations **Three credit hours.**
An analysis of the contemporary relations of national, state, and local governments; urban and metropolitan growth problems and their implications for public policy and administration in relation to the federal system.

POL. SCI. 232 Politics of Urban Affairs **Three credit hours.**
A study of contemporary institutions and political responses to urbanization in the United States; urban public policy designed to solve problems created by economic and social changes in metropolitan areas.

POL. SCI. 330 Public Administration **Three credit hours.**
A study of the formulation of public policy, organization and management, and problems of personnel and finance. Offered in alternate years.

POL. SCI. 331 American Political Parties and Pressure Groups
Three credit hours.
A study of the functions of political parties and pressure groups in the conduct of government; and the evolution of the party system in response to changes in the broader economic, social, and political environment. Offered in alternate years.

POL. SCI. 332 Contemporary Governments and Politics of Africa
Three credit hours.
A survey of the governments and politics of Africa south of the Sahara with an emphasis on the cultural, political, economic, and ideological development in selected countries and regions. Offered in alternate years. May be taken for credit in History.

POL. SCI. 333 Comparative Political Systems **Three credit hours.**
A comparative analysis of various political systems in the developed and developing countries with an emphasis on the parliamentary system (as modified) and the American presidential system. Offered in alternate years.

POL. SCI. 334 International Relations **Three credit hours.**
An analysis of the international political system, including the distribution of power among states in the international system, the manner in which states try to increase their capabilities, conflict and the various mechanisms for conflict adjustment.

POL. SCI. 335 Constitutional History of the United States
Three credit hours.
The historical development of American constitutionalism from the Colonial period, with emphasis on federal-state relations, governmental powers, and the impact of government in the economic sector. May be taken for credit in History.

POL. SCI. 336 Civil Rights and Liberties **Three credit hours.**
An analysis of U. S. Supreme Court cases pertaining to civil rights and liberties.

POL. SCI. 337 History of Political Theory **Three credit hours.**
A study of political thought from Greece to the seventeenth century, including basic writings from Plato to Hobbes.

POL. SCI. 338 History of Political Theory **Three credit hours.**
A study of political thought from the seventeenth century to the present, including writings from Locke to the declaration of human rights proposed as the foundation of the United Nations.

POL. SCI. 339 Afro-American Social and Political Thought
Three credit hours
An analysis of Afro-American social and political thought from 1850; emphasis on the dialectic between the assimilationist and separatist movements of this period.

POL. SCI. 431 Materials and Methods **Three credit hours.**
A study and application of basic research materials and methods in Political Science, with an emphasis on formulation of the problem, research design, data collection, analysis and interpretation of the data.

POL. SCI. 432 Urban Development and Planning **Three credit hours.**
A study of the various political and economic aspects of the urban environment; and systematic planning as an essential part of urban development policy. Prerequisites: Political Science 131 and 231.

POL SCI. 433 International Organization and Law **Three credit hours.**
A study of the nature and role of international law, and the operations of the United Nations and various regional and functional organizations. Prerequisite: Political Science 334.

POL. SCI. 437 African Seminar **Three credit hours.**
An arranged course of study. This course may be taken for credit in either Political Science or History. Prerequisites: Political Science 334 or three (3) semester hours credit in African history.

POL. SCI. 438 Political Science Seminar **Three credit hours.**
Readings, papers, and discussions on selected topics in the area of Political Science. Offered on demand to seniors majoring in Political Science. Prerequisite: permission of the Instructor.

POL. SCI. 439 Independent Research **Three credit hours.**
An arranged program of independent study and research for senior students with a 3.0 average or better in the Political Science major. May be repeated for credit.

POL. SCI. 460 Urban Studies Internship **Six credit hours.**
This course will assist students acquire first hand knowledge of governmental agencies in the urban community. Prerequisites: Political Science 131, 232, 330, 431, and 432, plus consent of the department faculty.

POL. SCI. 490 Senior Seminar **Three credit hours.**
See "Social Science Seminar," p. 63.

DEPARTMENT OF SOCIOLOGY AND SOCIAL WELFARE

The program of instruction in the Department of Sociology and Social Welfare is designed to enrich the general "liberal" education of students and to provide pre-professional and pre-graduate training for those students:

1. who seek careers in sociology or social work professionally.
2. who wish to qualify for service-delivering positions requiring no graduate professional education.
3. who plan to enter related professional fields for which there is no required pre-professional sequence.
4. who seek to enhance and make more meaningful their participation as citizens.

A major in sociology consists of 30 semester hours of course work including Sociology 438 and Sociology 439. A minor in sociology consists of 18 semester hours of course work including Sociology 131. Except by consent of the instructor, the course Sociology 131 is

prerequisite for enrollment in other courses comprising the sociology curriculum.

A major in social welfare consists of 30 hours of course work including Sociology 239, 334, 432, 434-A, 434-B and 460. A minor in social welfare consists of 18 semester hours of course work including Sociology 239, 334-A, 334-B, and 460. All students electing to major or minor in social welfare will be advised to take Sociology 131. Courses comprising the social welfare major are herein identified by an asterisk (*).

COURSES AND DESCRIPTIONS

SOCIOLOGY 121 Personal and Family Finance **Two credit hours.**
This course analyzes financial decisions and judgments which are made by the individual and his family.

SOCIOLOGY 131*† Principles of Sociology **Three credit hours.**
(Formerly Sociology 231). An introduction to the viewpoints, basic concepts and methods of sociology.

SOCIOLOGY 133*† Introduction to Cultural Anthropology **Three credit hours.**
(Formerly Sociology 232). A survey of the various processes and conditions involved in cultural growth and change. Offered alternate years.

SOCIOLOGY 230† Intergroup Relations **Three credit hours.**
(Formerly Sociology 233). An analysis of viewpoints, processes and basic factors underlying problems of adjustment between divergent racial or cultural groups.

SOCIOLOGY 231 Social Disorganization **Three credit hours.**
(Formerly Sociology 331). An analysis of social change on the various aspects of society, in their relationship to each other and to the society. Offered alternate years; Fall semester.

SOCIOLOGY 233 Sociological Statistics **Three credit hours.**
(Formerly Sociology 333). The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, t, and F distributions, regression and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. Fall semester.

SOCIOLOGY 234 Social Rehabilitative Services **Three credit hours.**
(Formerly Sociology 534). A comprehensive study is made of selected social services programs on the local, state and national level. Attention is given to both public and private agencies. The Social Security Act and the Economic Opportunity Act are the major pieces of legislation to be studied. Offered alternate years. Spring semester.

SOCIOLOGY 237* Juvenile Delinquency **Three credit hours.**
An analysis of the anti-social behavior of youth with emphasis on causes, consequences and efforts at prevention.

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*Courses in the Undergraduate Social Welfare major.
†May be used to satisfy General Education requirement.

SOCIOLOGY 238 Social Problems **Three credit hours.**
A sociological treatment of contemporary social problems. Offered alternate years. Fall semester.

SOCIOLOGY 239* Introduction to the Field of Social Work
Three credit hours.
(Formerly Sociology 337). A survey course including a history of social welfare and a comparison of the methods of casework, groupwork, and community organization.

SOCIOLOGY 330* Social Policy **Three credit hours.**
(Formerly Sociology 330, Introduction to Social Welfare.) A study of the history, politics, sociology, and economics of the social services. It includes issues of choice and change.

SOCIOLOGY 331 The Family **Three credit hours.**
(Formerly Sociology 432). An examination of the structure and functioning of the family as a social institution.

SOCIOLOGY 332 Urban Sociology **Three credit hours.**
A study of the growth, the ecology, the social processes, the organization, and the problems of the urban community.

SOCIOLOGY 333 Social Stratification **Three credit hours.**
An examination of the ways in which societies differ in terms of their systems of internal differentiation.

SOCIOLOGY 334* Human Growth & Development in the Social Environment.
Three credit hours.
(Formerly Community Organization). A required course for students in the Social Welfare sequence. It is designed to examine human behavior and the social environment from a normal developmental perspective, with special emphasis on man's bio-psycho-social needs, and the behavioral consequences when these needs are not met.

SOCIOLOGY 335 Collective Behavior **Three credit hours.**
An examination of the factors and processes leading to noninstitutionalized group patterns of action. Offered alternate years; Spring semester.

SOCIOLOGY 336 Population **Three credit hours.**
(Formerly Sociology 435). A critical analysis of population characteristics in their implications for the structure and functioning of society. Offered alternate years. Spring semester.

SOCIOLOGY 337 Sociology of the Black Community **Three credit hours.**
An analysis of the structure and functioning of the black community as a social system. Offered alternate years; Spring semester.

SOCIOLOGY 338 Deviant Behavior **Three credit hours.**
Focus on individual behavior patterns in society. Examination of the social and pyschological principles underlying sociopathic behavior.

SOCIOLOGY 339 Criminology **Three credit hours.**
(Formerly Sociology 434). An examination of crime as a social phenomena and the methods of prevention and control. Offered alternate years.

SOCIOLOGY 431 Social Psychology **Three credit hours.**
(Identical with Psychology 431). An analysis interpretation of the social development of the individual.

SOCIOLOGY 432* Social Welfare as a Social Institution Three credit hours.
(Formerly Sociology 532). This course assesses the philosophy, development, behavior, current trends and dynamics of Social Welfare as a cognate institution in the social system.

SOCIOLOGY 433* Seminar in Social Welfare Three credit hours.
(Formerly Sociology 533). Students interpret data from field experience in light of previously established concepts of social welfare methods of Social Work Practice. The seminar is held weekly.

SOCIOLOGY 434-A* Social Work Methodologies Three credit hours.
(Formerly Introduction to Casework). Examination of the process in social work practice with individuals, families, and groups.

SOCIOLOGY 434-B* Social Work Methodologies Three credit hours.
An in-depth study of the process involved in the interventive methods. Consideration is given to the individual, the group, and the community. (Prerequisite: Soc. 434-A).

SOCIOLOGY 436* Independent Study Three credit hours.
An arranged program of independent study and research.

SOCIOLOGY 438* The Development of Social Theory Three credit hours.
An analysis of the emergence and development of sociological theory. Prerequisite: 9 semester hours of sociology or consent of the instructor.

SOCIOLOGY 439* Social Research Three credit hours.
An introduction to the techniques and methods of scientific inquiry. Prerequisite: 9 semester hours of sociology or by consent of instructor.

SOCIOLOGY 460* Field Experience Six credit hours.
To assist students in acquiring first hand knowledge of community agencies through active work experiences in the preselected agency settings. (Spring Semester).

SOCIOLOGY 490* Social Science Seminar Three credit hours.
This course is conducted by selected members of the division faculty. The objective is to help the student achieve a synthesis of social science knowledge. Open to juniors and seniors; nonmajors by permission of instructional staff. Major students may receive credit in their area of concentration. (See "Social Science 490," p 63.)

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*Courses in the Undergraduate Social Welfare major.
†May be used to satisfy General Education requirement.

DIVISION III. EDUCATION AND PSYCHOLOGY

The organization of this Division includes the following Departments: Education, Physical Education & Health, and Psychology.

Students may secure majors in Elementary Education, Physical Education and Health, and Psychology. Art and Geography are provided for Elementary Education majors and for those in other fields needing these subjects in order to qualify for certification.

Department of Education

The Department of Education offers majors in Early Childhood Education, Intermediate Education, and Secondary Education, leading to the Bachelor of Arts Degree. These courses may also be taken by persons interested in education and child development, by students, by parents and/or citizens, but who do not plan to take a major in the area of education. Teacher candidates who complete the course sequence recommended by the Department will be qualified to meet the academic certification requirements in most states. The Department adheres closely to the guidelines set forth by the North Carolina Department of Public Instruction and the Southern Association of Colleges and Schools as priority determinants in the selection and structuring of course offerings and requirements.

A Teacher Education Committee comprised of representatives from the various academic disciplines, along with the Vice President for Academic Affairs, assists in formulating broad policy for the Education Department.

The salient objectives of the Department is to implement the education of public and private school teachers os that they may, in turn, engender pragmatic, viable and relevant learning that will facilitate attainment of "the good life" for the citizens who now live, and who will live, in the world of today and tomorrow.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM OF TEACHER EDUCATION

A formal application to enter the program of teacher education must be filed with the Head of the Department of Education at the beginning of the second semester of the sophomore year. A prospective teacher starts his professional training at the beginning of the junior year. The successful applicant for admission to the program of teacher education must satisfy the following requirements:

1. Present a cumulative grade point average of 2.2 or higher through the first semester of the sophomore year.

2. Present a raw score of 50 or more on the Diagnostic Reading Test.
3. Present a health certificate indicating good mental and physical health.
4. Present a certificate of good character from the Dean of Students.
5. Present a certificate of speech proficiency signed by one of the University's speech instructors.
6. Gain the approval of the Head of his major department.
7. Gain the approval of the Teacher Education Screening Committee.

Students who plan to teach in elementary schools, grades K-3 or 4-9, should major in either Early Childhood or Intermediate Education.

Students who plan to teach in secondary schools should select majors and minors in the various subject matter areas. They will need to take certain prescribed courses in education and psychology in order to satisfy the requirements for certification (viz., Education 221, 395, 222, and 462; and Psychology 237 and 239. They must also take a course in "Materials and Methods" of teaching their major subject (see Education 326, 327, 397, French 420, Mathematics 420. English 429, and Physical Education 422, Physical Education 434, and Physical Education 226 (community Health).

It is highly recommended that students prepare themselves to teach two subjects.

Attention is drawn to the requirement that all students who plan to do student teaching during the senior year must file an "Application for Student Teaching" with the Head of the Department of Education at the beginning of the semester prior to the one in which student teaching is to begin, e.g., if student teaching is to be done during the second semester, the application is to be filed at the beginning of the first semester and if student teaching is to be done during the first semester, the application should be filed at the beginning of the Spring semester of the pervious year.

PROFESSIONAL REQUIREMENTS

Early Childhood and intermediate grade certificates: Education 221, Education 222, Elementary Education 321, Elementary Education 461, and Psychology 235 and 239. High School certificates: Education 221, 395, 222, and 462 (and the appropriate course in "Materials and Methods" of teaching the student's major subject) and Psychology 237 and 239.

ART

ART 130 Basic Design **Three semester hours.**
Designed to acquaint students with the principles of draftsmanship, color scheme variables, and principles of their application. Materials to be explored in this course will be collage techniques, matting, acrylic and water color painting, various uses of charcoal, linoleum block printing, basic sculptural forms and oil painting.

ART 131 Cermaics **Three semester hours.**
.This course is an introduction to methods in making pottery, glaze materials, use of the potters' wheel and the kiln. An elective. Students taking this course will be bussed to Sacred Heart College in Belmont.

ART 133 Introduction to Drawing & Painting **Three semester hours.**
Emphasis in this course will be placed upon understanding form, line linear organization, color harmony and the physical properties of pigment, (oil, acrylic, and gauche). In this course students will explore the use of: (a) Charcoal (b) Conte crayon (c) oil colors (d) acrylic color (e) and methods of canvas preparation and framing.

ART 220 Afro-American Art History **Two semester hours.**
A supplement to regular mainstream approaches in teaching American art history. The aim is to acquaint students with the distinguished creative output of persons of Afro-American backgrounds. Some 200 years of Black creative efforts will be examined in this course.

ART 230 Art for the Elementary School **Three semester hours.**
Skills which will facilitate art work in the elementary school. Emphasis is placed on developing creative ability. Two two-hour class meetings each week.

ART 231 Art Appreciation **Three semester hours.**
Appreciation for the beauty of architecture, painting, sculpture, pottery and textiles. Two one-hour lecture periods and one two-hour laboratory period each week.

ART 232 History of Art Survey **Three semester hours.**
A survey of major arts and the influence of the historical past on the comcepts of, and forms of contemporary creative endeavor. Prehistoric through early Gothic. Late Gothic through Renaissance to Baroque.

ART 233 Introduction to Traditional African Art **Three semester hours.**
An introductory survey of traditional African art, emphasizing its etiological roots and its social context, as well as its aesthetic aspects. One major research paper will be assigned.

GEOGRAPHY

GEOGRAPHY 130 Introduction to Geography **Three credit hours.**
Cultural and Physical Elements. A study of the basic cultural and physical elements of geography; emphasis is on climate, soils, natural vegetation, population, distribution, and general land-use.

GEOGRAPHY 131 World Regional Geography **Three credit hours.**
The World. Analysis of the physical and cultural features that characterize and differentiate the geographical landscapes and regions of the world.

COMMUNICATION SKILLS

EDUCATION 100 Communication skills **No credit.**

A course in basic reading skills with emphasis on vocabulary improvement, increase in reading rate and comprehension.

EDUCATION 110 Communication Skills **One semester hour.**

The development of reading and study skills to facilitate mastery of subject matter in college level courses. Emphasis is placed on effective scheduling of study time, the development of specific study methods, and the improvement of reading vocabulary, comprehension, and rate.

EARLY CHILDHOOD EDUCATION

(For Nursery School Teachers, Grade K-3)

EDUCATION 130 Learning and Development of the Young Child

Three credit hours.

Study of varied theories of learning and development with direct implications for understanding the nature of the child, birth through eight years of life, in addition to implications for interpreting current research related to sex differences. Techniques for observing the behavior of young children, as well as guidance techniques, will be analyzed. Field experiences involving observation of a specific child over a period of twelve weeks will be required.

EDUCATION 131 The Guidance Role of the Teacher of the Young Child

Three credit hours.

The development of appropriate techniques for guiding children's learning and communicating with their parents in early childhood programs.

Note: Observation-participation experiences with children on-campus and in the community are required for these courses. Students must plan a three-hour free period, one morning or one afternoon per week.

EDUCATION 224 Educating the Young Disadvantaged Child

Two credit hours.

A study of current approaches to early education programs for children from disadvantaged families and research-to-date including Head Start, Title I, Follow Through, Federal Interagency Day Care Projects, etc.

EDUCATION 225 Family, School and Community **Two credit hours.**

An examination of the relationship between family living and participation in the education of the young child in today's communities. Students will be expected to select and work with the family of a young child in the Charlotte community; to volunteer in family service agencies (hospitals, homes for the aging, public health and social services, day care, etc.); to design programs for parent involvement in the education of their children.

EDUCATION 334 Communication Skills and the Young Child

Three semester hours.

(May be taken simultaneously with Education 337, Reading and the Young Child.

A study of ways in which the young child organizes and communicates his ideas and feelings through designed play experiences. Observations of participation with children from infancy through age eight will provide the laboratory experiences accompanying this course.

EDUCATION 336 Science and the Young Child **Three credit hours.**
An examination of beginning concepts among scientific phenomena in ways which are consistent with the young child's way of seeing, inquiring and experimenting with the natural environment. Problemsolving approaches to discovery will be emphasized.

EDUCATION 337 Reading and the Young Child **Three credit hours.**
Selected reading experiences which lead ultimately to reading will be emphasized. Attention will be directed to pre-reading experiences of using the senses to examine many concrete objects and the development of children's own ideas into spoken and written forms.

EDUCATION 338 Creative Arts, Music, Rhythms, Drama and Dance
Three credit hours
The integration of the creative and dramatic art forms through experiences in which both college students and children can engage. Creating out of one's unique bodies, feelings and ideas will be the focus.

EDUCATION 398 Literature for the Young Child **Three semester hours.**
Wide exploration and study of picture-story books including Caldecott and Newberry awards, story-telling as an art, puppets for expression, use of films and film strips, and other media with a primary focus on uses within early education programs.

EDUCATION 431 Interdisciplinary Senior Seminar for Early Childhood and Intermediate Education **Three credit hours.**
This seminar is designed for seniors and consists of discussions and research on the various disciplines in the early childhood and intermediate curriculums. Students will have opportunity for creative expression as they make teaching aids and devices to be used for strengthening certain skills. The problem solving approach will be utilized as students discuss current issues of concern to future teachers.

EDUCATION 435 Pre-Number Skills and the Young Child **Three credit hours.**
This course will address its attention to the beginnings of numerical concepts such as measuring, classifying, categorizing. Familiar materials found in homes and neighborhoods will be collected and developed as tools for learning pre-number skills with young children.

EDUCATION 460 Early Childhood Curriculum and Directed Teaching
Six credit hours.
The curriculum design will center around essential life concepts, the foundations for which are carefully laid in the early years. Students will spend both half and full days in children's centers on and off-campus. Discussion-seminars will be held on and off-campus in an effective demonstration of theory and practice in early childhood centers, cooperating agency personnel and university faculty will be in direct relationship with students.

INTERMEDIATE EDUCATION
(For Teachers of Grades 4-9)

EDUCATION 321 The Elementary School **Two credit hours.**
Special attention to the philosophy, aims, principles, and practices of education as they relate to the elementary school. Required of all

candidates for either the Early Childhood or Intermediate Education Teacher's Certificate Prerequisite: Education 221.

EDUCATION 332 Children's Literature Three credit hours each semester.
Study of the types of literature available and suitable for primary and intermediate grades. Required only of elementary education majors.

EDUCATION 333 Teaching Science in the Elementary School
Three credit hours.
Emphasis on the principles, practices, and procedures of the teaching of science in the elementary school.

EDUCATION 335 Reading in the Elementary School Three credit hours.
Methods of analysis and correction of difficulties in reading at the elementary school level.

EDUCATION 390 Language Materials and Methods Three credit hours.
Guidance of learning activities in the development of language. An analysis is made of ways of helping children grow in reading, writing, speaking, and listening efficiency.

EDUCATION 391 Teaching the Social Studies in the Elementary School
Three credit hours.
Designed to help elementary teachers develop a social studies program; includes methods, materials, and techniques which seem to be most effective in all of the elementary school grades.

EDUCATION 392 Materials and Methods of Elementary School Teaching
Three credit hours.
Investigations and evaluation of materials and methods used in elementary school teaching. Requires supervised observation of teaching activities at the elementary school level. Prerequisite for "Student Teaching in the Elementary School".

EDUCATION 461 Student Teaching in the Elementary School
Six hours credit.
Students are placed in cooperating public elementary schools for the practical study of teachers' problems in a laboratory setting, directed observation, guided participation, and full-time classroom teaching. All students who wish to do student teaching during their senior year must file an "Application for Student Teaching" with the Head of the Department of Education at the beginning of the first semester when the student teaching is to be done during the second semester and at the beginning of the second semester when the student teaching is to be done during the first semester of the next school year. Open only to seniors regularly enrolled in the University who have completed courses designated in the catalogue as prerequisities for Student Teaching in the Elementary School.

Prerequisites for Student Teaching in Early Childhood and Intermediate Education:

1. A general academic average of 2.2 or better.
2. No grade of "D" in courses offered in fulfillment of the student's major subject.
3. Completion of all freshman and sophomore required courses.

4. A grade of "C" or better in required courses in education.
5. A grade of "C" or better in required courses in Psychology.
6. Demonstrate proficiency in the use of English.
7. Pass the Handwriting and Spelling Test.
8. Gain approval of the Student Teacher Screening Committee.

NOTE 1: A student who has completed all of the course requirements may be denied the privilege of doing student teaching if he demonstrates an inability to participate in this phase of the Teacher Education Program.

NOTE 2: Post Graduate Student Teaching—Only graduates who meet all of the above requirements will be permitted to enroll (as an in-service teacher) in the University for the course in student teaching.

SECONDARY EDUCATION

(For Teachers of Grades 7-12)

EDUCATION 395 The Secondary School **Three credit hours.**

A survey course concerned with the purposes, clientele, organization, administration, teaching methodology, and viable problems of the contemporary American secondary school. Students are given pre-student teaching observation experiences in a public school setting. A public school pupil register clinic is an ancillary component of the course. Required of all Secondary Education majors.

EDUCATION 326 Materials and Methods in High School Social Studies
Two credit hours.

Concerned with the philosophy, aims, methods and techniques of teaching the social studies in the secondary school. This course is a prerequisite for student teaching in the field of the social studies.

EDUCATION 327 Materials and Methods in High School Science.
Two credit hours.

The organization and presentation of secondary school science materials. Prerequisite: 16 semester hours of science. This course is a prerequisite for student teaching in either general science, biology, chemistry, or physics.

EDUCATION 397 Materials and Methods in Teaching Bible
Three credit hours.

(Same as Religious Education 434a-434b). The functional use of the Bible in contemporary life; survey and evaluation of materials and methods. Prerequisite: 12 semester hours of Religious Education. A prerequisite for student teaching in Religious Education.

EDUCATION 462 Student Teaching in the Secondary School Six credit hours.

Students are placed in cooperating public secondary schools for the study of teachers' problems in a laboratory setting, directed observation, guided participation, and full-time classroom teaching. Students who wish to do student teaching during the senior year must file an "Application for Student Teaching" with the Head of the Department of Education at the

beginning of the first semester, when the student teaching is to be done during the second semester, and at the beginning of the second semester when the student teaching is to be done during the first semester of the next school year. Student teaching is open only to seniors regularly enrolled in the University who have completed all other education course requirements

Prerequisites for Student Teaching in Secondary Education:

1. Education 221, Education 395, and Education 222.
2. Psychology 331 and Psychology 337.
3. The appropriate course in "Materials and Methods" (Special Methods) in the major subject.
4. A general academic average of 2.2 or better.
5. A grade of "C" or better in required courses in education.
6. A grade of "C" or better in required courses in psychology.
7. No grades of "D" in courses offered in fulfillment of the student's major subject.
8. Completion of all freshman and sophomore required courses.
9. Demonstration of proficiency in the use of English.
10. Be approved for student teaching by the Student Teacher Screening Committee.

NOTE 1: A student who has completed all course requirements may be denied the privilege of doing student teaching if he demonstrates an inability to participate in this phase of the Teacher Education Program.

NOTE 2: Post Graduate Student Teaching—Only graduates who meet all of the above requirements will be permitted to enroll (as an in-service teacher) in the University for the course in student teaching.

SPECIAL EDUCATION

Special education refers to the training given students who are exceptional in various ways: the learning disabled, the mentally retarded, the culturally different, the emotionally disturbed, the gifted and the talented. This "special" education among the mildly handicapped children will increasingly be provided in the regular classroom. Johnson C. Smith students who work in special education as well as in early childhood education or in intermediate education or in secondary education will become multidiscipline generalists competent to serve both regular and exceptional children in the regular classroom. Successful completion of the program below would thus lead to a dual certification.

EDUCATION 264 Practicum in Critical Observation in Special Education
Six hours credit

A sophomore practicum in critical observation for prospective teachers in which students spend 5 or more hours a week serving as a teacher's assistant and attend a weekly planned seminar.

EDUCATION 296 The Psychology of Exceptional Children Three hours credit.
Examination of the physiological, psychological, and sociological aspects of educationally handicapping conditions.

EDUCATION 331 Introduction to Exceptional Children Three hours credit.
Deals with recognizing the characteristics and problems of exceptional children, including the learning disabled, the mentally retarded, the emotionally disturbed, and the gifted and talented.

EDUCATION 399 Multi-Disciplinary Survey of Special Education
Three hours credit.

Deals with cultural, social, intellectual, and educational problems and issues in Special Education: Behavior modification, counselling and guidance, civil rights, cultural differences, diagnosis and assessment, inquiry and research, teacher attitudes.

EDUCATION 465 Individualizing Curriculum for Special Education
Six hours credit.

Deals with the interpretation, design, development, and implementation of curriculum used in special education. Involves student teaching under supervision.

EDUCATION 496 Multi-Disciplinary Trans-Categorical Seminar
Three hours credit.

Deals with trans-categorical issues in special education: therapy, classroom management, counselling, evaluation, prescriptive teaching, and mainstreaming.

REQUIRED COURSES IN EDUCATION

EDUCATION 221 The School As An Educational and Social Institution
Two credit hours.

(An introductory course in education.) A comprehensive study of the school in our contemporary social milieu. Public and private school organization, staffing, clientele, facilities, policy, financing, philosophical, historical, sociological, and psychological foundations of education are synthesized into an eclectic overview of the educational scene. While not limited to those who plan to teach, the course is required of all prospective teachers and is a prerequisite to other offerings in education.

EDUCATION 222 Measurement and Evaluation Two credit hours.
The construction, selection and use of educational tests of the achievement type, including diagnostic and survey instruments. Required of all candidates for a teacher's certificate. Prerequisites: Education 221 and Psychology 231.

EDUCATION 330 Philosophy of Education Three credit hours.
A study of the underlying principles of educational theories, aims, and values. Designed to assist students in developing and clarifying their philosophy of education. Prerequisite: Education 128.

ELECTIVE COURSES IN EDUCATION

EDUCATION 227 Principles and Practices of Guidance Two credit hours.
This is a first course in guidance in which an attempt is made to help the student understand and utilize the philosophies and processes of guidance on both the elementary and secondary school levels. Prerequisite: Education 221.

EDUCATION 233 Reading in the Secondary School Three credit hours.
Designed to help students who are pursuing teaching careers to recognize and deal with the various reading problems encountered in the secondary school. Emphasis is placed on reading skills that secondary pupils must master and the teaching techniques that the teacher may utilize to develop these skills.

EDUCATION 234 Corrective Reading Clinic Three credit hours.
Meets the needs of teachers in both the elementary and secondary fields. The incidence of reading disability, its causes and remedial measures are presented as related to individuals, groups and subject matter areas. Each student is required to work with one or more children needing remedial instruction. Offered in the Summer Session only.

EDUCATION 235 Educational Communications Technology (formerly Audiovisual Materials and Methods) Three semester hours
A study of the utilization of educational technology and media in the classroom and in industry. Special emphasis is given to the actual operation of the 8mm and 16mm motion picture projectors, slide projectors, opaque projectors, still and motion picture cameras, etc. Instruction is also given relative to the construction of teaching aids as transparencies, laminations, photocopies, mimeograph and Spirit duplicator stencils, graphic materials, etc. The systems approach is used and illustrated as a teaching methodology. Students work in clusters or groups, produce scripts for television production, and frequently present mini-lesson demonstrations or modules. Strongly recommended for all students enrolled in teacher education or who expect to enter industry.

EDUCATION 236 Developmental Reading Three credit hours.
Involves comprehension techniques and mechanics of reading, work attack, study skills, and independent reading.

EDUCATION 237-SS Reading Workshop (Elementary Level) Three credit hours.
Workshop participants will have an opportunity to teach reading to children and to observe children being taught. Designed for both in-service and pre-service teachers. Pre-service teachers may substitute workshop credit for Elementary Education 335. Offered in the Summer Session only.

EDUCATION 238 History of Education Three credit hours.
The historical development of the principles and practices of education from the earliest times to the present. Prerequisite: Education 221.

EDUCATION 339 Curriculum Construction Three credit hours.
A study of principles, practices, and techniques appropriate for overall curriculum planning and development. Attention is given to the selection and placement of content materials on both the elementary and secondary school levels. Prerequisite: Education 221.

EDUCATION 430, 440, 450, 463 Independent Study
Registration may be for three, four, five, or six credit hours.
A planned and structured research project jointly defined by student and faculty. Contingent upon scope of work contracted to be completed by the student. May be taken for credit in the three areas of Early Childhood, Intermediate, or Secondary Education. Required of Early Childhood Education majors.

DEPARTMENT OF PHYSICAL EDUCATION

Thirty-six (36) semester hours in the field of Physical Education are required for a major and fifteen (15) semester hours for a minor.

All students enrolled in Physical Education 110 through Physical Education 119 are required to wear the uniform prescribed by the Department of Physical Education.

Students who wish to major in Physical Education must complete Biology 145 (General Zoology) and Biology 146 (Molecular Biology) before beginning the major. These courses should be completed during either the freshman or sophomore year. Biology 240 is required of all students majoring in Physical Education. A Student majoring in Physical Education is required to have an average of "C" or better in the required science courses, i.e., Biology 145, 146 and 240.

All students majoring in Physical Education must complete the following courses in the area of Health Education: Physical Education 226 (Community Health); Physical Education 335 (School Health Problems); Physical Education 434 (Materials and Methods of Teaching Physical Education).

All students majoring in Physical Education are required to purchase and wear the major uniform as prescribed by the department. The Department recommends and urges all Physical Education Majors to hold active membership in the American Association of Health, Physical Education and Recreation.

SEQUENTIAL LISTING OF COURSES TO BE COMPLETED FOR A MAJOR IN PHYSICAL EDUCATION

I. Area of Science
   Bio. 145—General Zoology (Freshman or Sophomore Year)
   Bio. 146—Molecular Biology (Freshman or Sophomore Year)
   Bio. 240—Human Anatomy and Physiology

II. Area of Physical Education and Health Education
   PE 222—Physical Education in the Elementary School (Sophomore Year)

PE 224—Dual and Single Games (Sophomore Year)
PE 226—Community Health (Sophomore Year)
PE 323-324—Methods and Materials in Team Sports (Junior Year)
PE 325—Gymnastics and Stunts (Junior Year)
PE 327—Individual Health (Junior Year)
PE 329—Rhythms and Dance (Junior Year)
PE 330—First Aid, Safety, Athletic Injuries (Junior Year)
PE 331—Organization and Administration of Health and Physical Education (Junior Year)
PE 333—Anatomy and Kinesiology (Junior Year)
PE 335—School Health Problems (Junior Year)
PE 336—Principles of Physical Education (Sophomore Year)
PE 422—Methods and Materials in Teaching Physical Education (Senior Year)
PE 434—Materials and Methods in Teaching Health Education (Senior Year)

III. General Education
See section on Basic Requirements and consult with Major Advisor

IV. Teacher Education
See Professional Education Requirements and consult with Major Advisor

PHYSICAL AND HEALTH EDUCATION COURSE OFFERINGS
General Requirement Courses

PHYSICAL EDUCATION 110 Elementary Swimming **One credit hour.**
A course designed for non-swimmers involving the fundamental skills of swimming.

PHYSICAL EDUCATION 111 Advanced Beginners Swimming **One credit hour.**
A continuation of the beginners course for persons who have not progressed sufficiently to meet requirements of the intermediate course.

PHYSICAL EDUCATION 112 Intermediate Swimming **One credit hour.**
An advanced elementary swimming course with emphasis upon the development of skills in several swimming sports. Prerequisite: Physical Education 110 or 111.

PHYSICAL EDUCATION 113 Advanced Swimming **One credit hour.**
A course which provides opportunities to learn advanced skills in swimming which will make the individual a competent all around swimmer.

PHYSICAL EDUCATION 114 (Co-Ed) Recreational Games
(Bowling, Shuffleboard, Handball, Badminton)

PHYSICAL EDUCATION 114A (Co-Ed) Recreational Games
(Tennis, Paddle-Tennis, Golf, Archery)

PHYSICAL EDUCATION 115 (Co-Ed) Rhythm and Dance Activities
(Folk, Square, Social, etc.)

PHYSICAL EDUCATION 116 (W) Team Sports
(Field Hockey, Basketball, Volleyball)

PHYSICAL EDUCATION 116 (M) Team Sports
(Flag Football, Basketball, Volleyball)

PHYSICAL EDUCATION 117 (M) Physical Fitness
(Exercises, Weight Training, and Combination Acts)

PHYSICAL EDUCATION 117 (W) Physical Fitness
(Exercises, Weight Training, and Combination Acts)

PHYSICAL 118 (M) Self Testing Activities
(Elementary Gymnastics, Stunts and Tumbling) First Semester

PHYSICAL EDUCATION 118 (W) Self Testing Activities
(Fundamentals of Trampoline, Stunts and Tumbling) First Semester

PHYSICAL EDUCATION 119 (M) Self Testing Activities
(Weight Training, Track and Field, Conditioning) Second Semester

PHYSICAL EDUCATION 119 (W) Self Testing Activities
(Calisthenics, Relays, and Running, Body Mechanics, Figure and Weight Control) Second Semester

PHYSICAL EDUCATION 121 Personal Hygiene Two credit hours.
Personal Health and hygiene, total fitness: physical, mental, emotional.

PROFESSIONAL PHYSICAL EDUCATION COURSES

PHYSICAL EDUCATION 026 Two credit hours.
This course is designed to provide the student with the knowledge, philosophy, skill and mechanics essential to becoming a sport official of high caliber. Sports offered: Football, Basketball and Volleyball. Offered first semester and/or summer.

PHYSICAL EDUCATION 027 Two credit hours.
This course is the same as PE 026, except that the sports offered are Swimming, Track and Field, Baseball and Tennis. Offered second semester only.

PHYSICAL EDUCATION 222 Physical Education in the Elementary School Three credit hours.
A semester course designed to provide students knowledge and practical experiences that will help them to teach effectively physical education to elementary school age children. (Formerly Physical Education 223)

PHYSICAL EDUCATION 224 Dual and Single Games Two credit hours.
Presentation of teaching methods of activities in which one or two persons may participate.

PHYSICAL EDUCATION 226 Community Health Two credit hours.
A study of the health of groups of individuals in a community.

PHYSICAL EDUCATION 323-324 (W) and (M) Methods and Materials in Team Sports **Two credit hours.**

PHYSICAL EDUCATION 325 Gymnastics and Stunts **Two credit hours.**
The fundamentals of gymnastics and stunts.

PHYSICAL EDUCATION 327 Special Physical Education **Two credit hours.**
This course is designed to provide the professional student with the philosophy, knowledge, and methods of teaching physical education to children with various handicapping conditions.

PHYSICAL EDUCATION 329 Rhythms and Dance **Two credit hours.**
An activity course consisting of the fundamentals of dancing.

PHYSICAL EDUCATION 330 First Aid, Safety, Athletic Injuries **Two credit hours.**
Lectures and practice in first aid, safety, techniques and prevention and treatment of athletic injuries.

PHYSICAL EDUCATION 331 Organization and Administration of Physical Education **Three credit hours.**
The aims, objectives, content and techniques of Physical Education and effective methods of teaching Health Education.

PHYSICAL EDUCATION 333 Anatomy and Kinesiology **Three credit hours.**
An elementary course in anatomy especially adopted to the needs of students preparing for a major in Physical Education. Laboratory periods will be arranged. Prerequisite: Biology, Kinesiology. A lecture course dealing with the origin, insertion and action of muscles of the human anatomy.

PHYSICAL EDUCATION 334 Principles, Practices and Procedures in Health Education for Elementary School **Three credit hours.**
The study of health education principles, methods and practices to improve health learning and teaching in the elementary school.

PHYSICAL EDUCATION 335 School Health Problems **Three credit hours.**
A study of the school health program, its value and problems in developing health education in the junior and senior high schools.

PHYSICAL EDUCATION 336 Principles of Physical Education **Three credit hours.**
Lecture course dealing with the underlying principles and meaning of Physical Education.

PHYSICAL EDUCATION 422 Materials and Methods in Teaching Physical Education **Three credit hours.**
A study of effective methods of teaching physical education.

PHYSICAL EDUCATION 434 Materials and Methods in Teaching Health Education **Three credit hours.**
A study of effective methods of teaching health education.

DEPARTMENT OF PSYCHOLOGY

Psychology 131 or its equivalent is prerequisite to all other courses in psychology and is credited toward the major and minor requirements. A major in psychology consists of thirty semester hours which must include 132, 233, 333 and two of the following courses: 234, 330, 332, 338, 339, 435. A minor in psychology consists of eighteen semester hours which must include 132 and two of the following courses: 233, 333, 330, 332, 338, 435.

Students planning to major in psychology should take in the freshman year psychology courses 131 and 132 and mathematics courses 210 and 136 (the only mathematics courses psychology majors must complete to fulfill the University requirements in mathematics).

PSYCHOLOGY 131† General Psychology I **Three credit hours.**
Provides an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence and other related topics. Winter and Spring Semesters.

PSYCHOLOGY 132† General Psychology II **Three credit hours.**
A more intensive and rigorous treatment of selected topics within general psychology with special emphasis on experimental procedures. Laboratory demonstrations and participation. Winter and Spring Semesters.

PSYCHOLOGY 233 Psychological Statistics **Three credit hours.**
The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, †, and F distributions, regression and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. Winter and Spring Semesters.

PSYCHOLOGY 234 Experimental Designs **Three credit hours.**
Presentation of various statistical designs used in psychological research with emphasis on the analysis of variance. Prerequisite: Psychology 233 or its equivalent. Spring Semester.

PSYCHOLOGY 235 Psychology of Childhood **Three credit hours.**
A study of behavior and development from infancy to adolescence. Winter and Spring Semesters.

PSYCHOLOGY 237 Psychology of Adolescence **Three credit hours.**
The psychology of behavior arising from the problems peculiar to the transitional period between childhood and maturity. Winter and Spring Semesters.

PSYCHOLOGY 239 Educational Psychology **Three credit hours.**
A presentation and discussion of psychological principles as they apply to learning and teaching. Winter and Spring Semesters.

PSYCHOLOGY 330 The Psychology of Learning **Three credit hours.**
A study of the facts and theories of human and animal learning. Spring Semester.

PSYCHOLOGY 332 The Psychology of Perception **Three credit hours.**
A study of the basic phenomena of perception as determined by conditions in the external situation and within the perceiver. Winter Semester.

PSYCHOLOGY 333 Experimental Psychology I **Three credit hours.**
Theory, methods, and techniques of experimental psychology through investigations of psychophysics, scaling, sensation, and human learning. Two hours of lecture and two hours of laboratory per week. Prerequisite: Psychology 233 or its equivalent. Winter and Spring Semesters.

PSYCHOLOGY 334 Experimental Psychology II **Three credit hours.**
Theory, methods, and techniques of experimental psychology through investigations of animal learning, perception, social interaction, and esthetics. Two hours of lecture and two hours of laboratory per week. Prerequisite: Psychology 333 or permission of the instructor. Spring Semester.

PSYCHOLOGY 338 Personality Theory **Three credit hours.**
Intended to introduce students to psychological approaches to personality theories and theorizing. Winter Semester.

PSYCHOLOGY 339 Principles of Psychological Measurement
Three credit hours.
Theory and technique for constructing, selecting, utilizing and evaluating tests for psychological assessment. Spring Semester.

PSYCHOLOGY 431 Social Psychology **Three credit hours.**
Problems, concepts and methods in the study of social interaction and interpersonal influence. Spring Semester.

PSYCHOLOGY 432 Abnormal Psychology **Three credit hours.**
A study of the kinds and theories of behavior disorders. Winter Semester.

PSYCHOLOGY 434 Introduction to Clinical Psychology **Three credit hours.**
A survey of clinical problems and techniques.

PSYCHOLOGY 435 Theoretical Psychology **Three credit hours.**
A review of the history of psychology as it relates to major efforts at systematizing in the field. The methodology of theory construction is considered.

PSYCHOLOGY 436, 426, 416 Independent Research in Psychology
One (416), two (426), or three (436) credit hours.
Independent investigation of topics of special interest. Prerequisites: junior classification, 6 hours in psychology, approval of faculty supervisor. May be repeated. Winter and Spring Semesters.

PSYCHOLOGY 437 Individual Psychological Tests I **Three credit hours.**
The administration and interpretation of tests for pre-school and elementary school children. Prerequisite: Mathematics 136, Psychology 339, and 9 additional hours in psychology. Winter Semester.

PSYCHOLOGY 438 Individual Psychological Tests II **Three credit hours.**
The administration and interpretation of tests at the adolescent and adult levels. Prerequisite: Mathematics 136, Psychology 339, and 9 additional hours in psychology. Spring Semester.

PSYCHOLOGY 460 Internship in Psychology **Six credit hours.**
An opportunity for students, under supervision, to participate in such professional psychological activities as testing, counseling, job placement, group therapy and research. Each student will be responsible for 200 to 250 hours of work in a selected community agency and for participation in periodic seminars. Winter and Spring Semesters.

DIVISION IV. MATHEMATICS AND SCIENCES

The Departments of Biology, Chemistry, Mathematics and Physics constitute the Division of Natural Science and Mathematics. Students may elect a major in Biology, Chemistry, Mathematics, and Physics—Mathematics. All Departments will provide work for a minor.

Pre-Medical, Pre-Dental, and other preprofessional programs may be arranged. (See Biology and Chemistry.)

General Science Major

A major in General Science consists of: Biology 143-144, Chemistry 141-142, Mathematics 150-136 or 134-136, Physics 241-242, and 12 additional semester hours in one of the three sciences (Biology, Chemistry, Physics). One year of Earth Science is recommended.

AREA OF EARTH SCIENCE

EARTH SCIENCE 131 Physical Geography **Three credit hours.**
The earth as a globe and its various projections as a flat surface. Weather elements. Climate and soil. Landforms. General tectonic processes. Simple notions of geophysics.

EARTH SCIENCE 132 Elementary Meteorology **Three credit hours.**
Sources, types, and composition of climates. Intraction of atmospheric variables and climate. Interaction of atmospheric variables and climates to produce "weather". Elementary physics and chemistry of the atmosphere. Elements of meterological analysis. Principles of forecasting. Three hours of class work and one two-hour laboratory work a week.

EARTH SCIENCE 231 Physical Geology **Three credit hours.**
A thorough treatment of the external changes of the earth brought about weather, water, wind and ice, the effect of these on existing rocks, resulting in the sedimentation and the production of sedimentary rocks. Elementary mineralogy.

EARTH SCIENCE 232 Physio-Historical Geology **Three credit hours.**
A study in the various changes in the earth's interior, with structural geology, details of ingenious and metamorphic rocks, continued mineralogy and a review of historical geology. Prerequisite: Geology 231.

Department of Biology

The Biology Department attempts to develop an understanding of life through a comprehensive and penetrating study of the concepts, methodology, and philosophy of biology. The department hopes to provide an environment in which the broad themes of biology may be discussed and their relevance to other disciplines appreciated, and in which preparation for graduate work, re-

search, and training for professional service in medicine and dentistry, medical technology, and education may be given.

A major in biology requires 32 semester hours which should include Biology 143, 144, 241, 251-252, 330, 340, 440, as well as 16-20 semester hours in inorganic, organic, and analytical chemistry, Mathematics 134 and 136 or 333, and Physics 241-242.

A minor in biology requires 20 semester hours which may include the courses already listed or 140, 145, 146, and 240.

Substitution for a required course may be authorized by the head of the department and filed with the registrar.

MODIFIED PRE-MEDICAL PROGRAM

Biology majors who complete departmental and general requirements by the end of their junior year, who are accepted into medical or dental school, and satisfactorily complete the freshman year at the medical or dental school, and who submit an official transcript of these credits to Johnson C. Smith University, are eligible to receive the B.S. Degree from Johnson C. Smith University.

BIOLOGY 140† Introductory Biology **Four credit hours.**
A study of the basic principles of biology, a survey of the plant and animal kingdom, and a general treatment of the structure, function, and continuity of living organisms. This is a terminal course, fulfilling general education requirements for non-majors. Lectures 3 hours a week; laboratory 2 hours a week.

BIOLOGY 141† General Botany **Four credit hours.**
A study of the morphology, physiology, heredity, and evolution of plants, including a survey of the plant kingdom with emphasis on life cycles. Lectures 2 hours a week; laboratory 4 hours a week.

BIOLOGY 143-144 Concepts of Biology **Eight credit hours.**
A core of basic biological concepts integrates studies of cellular activities, the organism and its development, heredity, and evolution. Senior high school students with adequate background may take these courses for college credit with permission of the chairman and recommendation from high school science instructors. Biology 143 is prerequisite to 144. Lectures 3 hours a week; laboratory 2 hours a week.

BIOLOGY 145† General Zoology **Four credit hours.**
Study of the structures, functions, environmental relationships, origin, and development of animals. This course fulfills requirements for the Dept. of Physical Education. Lectures 2 hours a week; laboratory 4 hours a week.

BIOLOGY 146 Molecular Biology **Four credit hours.**
A study of the physical and chemical aspects of cellular activity. This course fulfills requirements for the Dept. of Physical Education. Lectures 3 hours a week; laboratory 2 hours a week.

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†May be used to satisfy General Education requirement.

BIOLOGY 240 Human Anatomy and Physiology **Four credit hours.**
Basic structure and functions of man, both descriptive and experimental. Prerequisite: Biology 145. This course fulfills requirements for the Dept. of Physical Education. Lectures 3 hours a week; laboratory 2 hours a week.

BIOLOGY 241† Invertebrate Zoology **Four credit hours.**
A study of the nature of the cells, organs, and systems of representative invertebrates, their morphology, physiology, life histories, ecology, and economic importance. Lectures 2 hours a week; laboratory 4 hours a week.

BIOLOGY 251-252 Developmental and Comparative Vertebrate Anatomy
Five credit hours each semester.
An introduction to the unified study of the embryology, microscopic anatomy and gross structure of the vertebrates. Prerequisite: Biology 143-144 or the equivalent. Biology 251 is prerequisite to 252. Lectures 3 hours a week; laboratory 4 hours a week.

BIOLOGY 330 Microbiology **Three credit hours.**
An introduction to the study of microorganisms with special emphasis on their relationship to man. Prerequisite: Biology 143-144 or the equivalent. Chemistry is recommended. Lectures 2 hours a week; laboratory 2 hours a week.

BIOLOGY 340 Genetics **Four credit hours.**
The transfer of hereditary characteristics studied at the molecular, organismic, and species level. Prerequisite: Biology 143-144 or the equivalent; Chemistry 141-142; Mathematics 333 or the equivalent. Organic chemistry is recommended. Lectures 3 hours a week; laboratory 2 hours a week.

BIOLOGY 410, 420, 430 Research Problems in Biology
One to three credit hours.
Independent or team work in laboratory investigation of some aspect of biology. Progress reports, discussions, and presentation of results. Work may extend over several semesters. Prerequisite: approval of the research director.

BIOLOGY 440 Integrated Physiology **Four credit hours.**
An analysis of the processes by which vertebrates and invertebrates maintain, regulate, and perpetuate their structural and functional integrity. Prerequisite: Biology 143-144 or the equivalent; Chemistry 141-142, and 243 or 341. Lectures 2 hours a week; laboratory 4 hours a week.

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†May be used to satisfy General Education requirement.

MEDICAL TECHNOLOGY

Prerequisites for a Bachelor of Science degree at Johnson C. Smith University are fulfilled before a student interns in medical technology at Mercy Hospital, Charlotte. Successful completion of the 12-month internship and examination by the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists entitles the student to the registry certificate. The Bachelor of Science degree in Medical Technology is awarded by Smith.

MED. TECH. 420 Histology **Two credit hours.**
Preparation of normal and pathological tissues.

MED. TECH. 430 Clinical Microscopy **Three credit hours.**
Special techniques applicable to the laboratory technician.

MED. TECH. 450 Serology **Five credit hours.**
Blood typing, immunology, chemistry of body fluids.

MED. TECH. 470 Hematology **Seven credit hours.**
Blood bank.

MED. TECH. 480 Biochemistry **Eight credit hours.**
Clinical chemistry of body functions.

MED. TECH. 490 Microbiology: Medical Bacteriology, Parasitology, and Mycology **Nine credit hours.**

Department of Chemistry

The courses in Chemistry are designed and arranged to enable students to acquire a general knowledge of Chemistry, to equip those who plan to teach, and to give basic foundation for those who plan to enter Medicine, the field of Industry, or to pursue advanced work in Chemistry.

A major in Chemistry consists of courses 141, 142, 241, 242, 341, 342, 431, 432, 411, 412. Students who major in Chemistry must earn 8 hours of credit in Physics, and also must earn satisfactory credit in the Calculus. A major in Chemistry requires a minimum of 32 semester hours. A minor in Chemistry requires at least 22 semester hours exclusive of Chemistry 131 and 132.

CHEMISTRY 131-132† Introductory Chemistry
Three credit hours each semester.
The elementary principles of Chemistry are discussed at the level suited to the student who plans to take only one year of Chemistry. Chemistry 131 is a prerequisite to 132. 3 lectures, one 2 hour laboratory.

CHEMISTRY 140† Chemistry and Problem Solving **Four credit hours.**
Some elementary principles and their mathematical relationships are emphasized. Designed for prospective science majors who are inade-

quately prepared for Chemistry 141. This course may also meet the general education science requirement. 3 lectures, one 2 hour laboratory, one 2 hour recitation per week.

CHEMISTRY 141-142† General Chemistry Four credit hours each semester.
The fundamental principles of Chemistry are discussed in relation to and in connection with the physical and chemical properties of the non-metallic and metallic elements and their compounds. Prerequisite or co-requisite Fundamental Algebra (Math 131) or Math above 131 level. The completion of Chem 140 with a grade of "C" or better may serve as an alternate prerequisite. Chemistry 141 or an equivalent is a Prerequisite to Chem 142. 3 lectures, two 2-hour labs.

CHEMISTRY 231 Introduction to Physical Chemistry Three credit hours.
A study of some basic principles of Physical Chemistry designed to meet the needs of the non-majors. Prerequisite: Chemistry 142. 3 lectures.

CHEMISTRY 241 Analytical Chemistry Four credit hours.
The theory and practice of measurement are applied to representative volumetric and gravimetric determinations. Prerequisite: Chemistry 142 with a grade of "C" or better. 3 lectures, two 2-hour labs.

CHEMISTRY 242 Instrumental Methods of Analysis Four credit hours.
The theoretical principles of modern instrumentation are discussed. Appropriate experiments complement the discussion. Prerequisite: Chemistry 241 or consent of instructor. Two 2-hour labs.

CHEMISTRY 243 Introductory Organic Chemistry Four credit hours.
A survey of the principles of Organic Chemistry. This course, designed for non-majors, does not meet the requirements for Medical or Dental Schools. Prerequisite: Chemistry 142. 3 lectures, two 2-hour labs.

CHEMISTRY 331 Inorganic Chemistry Three credit hours.
A study of the theoretical and descriptive aspects of Inorganic Chemistry emphasizing the relationship between atomic and molecular structure and chemical and physical properties. Prerequisite: Chemistry 241.

CHEMISTRY 341-342 Organic Chemistry Four credit hours each semester.
The principles of Organic Chemistry as illustrated by the preparation and study of typical representatives of the aliphatic and aromatic series. Prerequisite: Chemistry 142 with a grade of "C" or better. Chemistry 341 is a prerequisite to Chem 342. 3 lectures, two 2-hour labs.

CHEMISTRY 430 Advanced Organic Chemistry Three credit hours.
Topics of current interest in theoretical and practical Organic Chemistry, including mechanisms of reactions and synthetic methods. Prerequisite: Chemistry 342. 3 hours lecture.

CHEMISTRY 411-412 Selected Experiments in Physical Chemistry Two credit hours.
These courses accompany 431-432. Two 2-hour labs.

CHEMISTRY 420-421 Chemistry Seminar Four credit hours.
Presentation and discussion of selected topics from the major areas of Chemistry. Oral and written reports are required. Prerequisite: Consent of instructor.

CHEMISTRY 422, 423, 424, 425 Laboratory Projects in Chemistry
Two to eight credit hours.
Advanced laboratory investigation, designed to allow the student to become actively involved in chemistry research either by participating in faculty designed projects or by pursuing individual interests approved by the staff. Prerequisite: Junior standing or consent of staff.

CHEMISTRY 431-432 Physical Chemistry Three credit hours each semester
The principles of Chemistry and Physics are applied to the properties and behavior of gases, liquids, solids, and solutions. Modern concepts in regard to the properties and behavior or aggregation of atoms and molecules are discussed. Prerequisite: 431 is a prerequisite for 432. Physics 242 or 342, Calculus II, and Chemistry 241. 3 lectures.

Department of Mathematics and Physics

MATHEMATICS

The objectives of the Department of Mathematics are: (1) To equip the student with the mathematical background needed in general and professional education; (2) To prepare students for advanced study in mathematics; (3) To prepare students for teachers of mathematics; (4) To prepare students for employment in applied mathematics; (5) To develop an appreciation for mathematics itself.

A major in mathematics consists of at least 33 semester hours of mathematics. We have seven tracks for the major. Mathematics: 233, 234, 333, 335 or 439, 336, 341, 411, 412 and 433 are required courses for all mathematics majors. The remaining courses are chosen as follows: Track (1). Mathematics 334, 431 and 3 semester hours of electives in mathematics. Track (2). Mathematics 136 or 334, 330 or 321 and 2 semester hours of Independent Study in mathematics, 420, and 421 or 422 or 434 or 426; Education 221, 222 and 395; Psychology 331, 337; Physical Education 426. Track (3). Mathematics 434 and 12 semester hours in the area of Computer Science. Tracks (4, 5, 6 and 7). Mathematics 136, 231, 232; Economics 131, 132; Accounting 235, 236 and the courses in (a) or (b) or (c) or (d) following. (a) Business 332, 333; (b) Marketing 331, 431; (c) 6 semester hours of electives in accounting; (d) 6 semester hours of electives in economics.

Science requirement for mathematics majors: 8 semester hours of physics or 4 semester hours of physics and mathematics 231.

A minor in mathematics consists of at least 21 semester or 15 semester hours of mathematics, and 6 semester hours of Business, Economics and Marketing. The required courses are Mathematics 136 or 333, 233, 234, and 336. Electives: 9 semester hours of mathematics numbered higher than 150 or mathematics 231, and 2 of the following courses: Business 333, Economics 432, Marketing 331, 431.

All entering freshmen are required to take the Mathematics Placement Test. Students whose performance demonstrates a need for remediation will be required to enroll in Math 141 which includes a required two-hour laboratory. Other students will enroll in Math 131. Students who enroll in Math 131 or Math 141 must take Math 132 in order to satisfy the general education requirement.

The Mathematics Advanced Placement Test is given for students who desire to satisfy the general education requirement by taking higher level courses. A satisfactory advanced placement score will exempt students from Math 131 or Math 141 and permit them to enroll immediately in Math 132, Math 133, Math 136, Math 150, or Math 233. All students must earn six or seven hours to satisfy the general education mathematics requirement.

MATHEMATICS 131 Basic Mathematics I **Three credit hours.**
Sets, finite mathematical systems, real numbers and their subsystems with emphasis on their properties and applications. Prerequisite: Satisfactory score on placement test.

MATHEMATICS 141 Basic Mathematics I **Four credit hours.**
Sets, finite mathematical systems, real numbers and their subsystems with emphasis on their properties and applications will be treated. This course is designed for students who need remediation. A two-hour laboratory will be required of all students.

MATHEMATICS 132 Basic Mathematics II **Three credit hours.**
A continuation of the development of real numbers with applications, trigonometry of the right triangle, topics from number theory, algebra, intuitive geometry, and statistics. Prerequisite: Mathematics 131 or Mathematics 141.

MATHEMATICS 133 Elementary Functions and Trigonometry
Three credit hours.
A course designed to develop background for the study of college algebra and trigonometry, real numbers, coordinate systems, elementary statistics. The course covers basic rules and manipulative techniques of algebra and trigonometry, real numbers, coordinate systems, elementary functions and graphs, equations and inequalities.

MATHEMATICS 134 Introductory Analysis **Three credit hours.**
Algebra, trigonometry, and polynomial calculus. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 136 Introductory Statistics **Three credit hours.**
A course for majors in areas other than mathematics. Descriptive statistics, introductory probability, the normal curve, linear correlation and regression. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 138 Modern Business Mathematics **Three credit hours.**
Compound interest, annuities, bonds, sinking funds, depreciation, etc. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 150 College Algebra and Trigonometry **Five credit hours.**
Sets, number fields, equations and inequalities, functions, exponentials and logarithmic functions, trigonometric functions. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 210 Statistical Laboratory **One credit hour.**
A supporting course for Mathematics 136. Two one-hour laboratory periods per week.

MATHEMATICS 233-234 Calculus I and II **Three credit hours each semester.**
(Formerly 241-242). Fundamentals of plane analytic geometry. Fundamental concepts of differentiation and integration with applications. Prerequisite: Mathematics 134 or 150.

MATHEMATICS 330 Modern Geometry **Three credit hours.**
The logical structure and use of Euclidean Geometry. The relationship of Euclidean geometry to other geometries. Prerequisite: Mathematics 233.

MATHEMATICS 333-334 Probability and Statistics
Three credit hours each semester.
Elements of probability theory, mathematical statistics and applications. Prerequisite: Mathematics 134 for part I, Mathematics 341 for part II.

MATHEMATICS 335 Introductory Abstract Algebra **Three credit hours.**
Elementary set theory and logic, mapping, groups, rings, integral domains, fields, and polynomials. Prerequisite: Mathematics 150 or the equivalent.

MATHEMATICS 336 Introductory Linear Algebra **Three credit hours.**
Linear equations, vector spaces, linear transformations, theory and applications of matrices and determinants. Prerequisite: Mathematics 150 or the equivalent.

MATHEMATICS 337 Mathematics for Early Childhood—Intermediate School Teachers I **Three credit hours.**
Sets, development of whole numbers, natural numbers, fractions, and integers with emphasis on their properties; the concept of number and numeral, and algorithms. Prerequisite: Mathematics 132.

MATHEMATICS 338 Mathematics for Early Childhood—Intermediate School Teachers II **Three credit hours.**
Real numbers with emphasis on their properties; logic, relations and functions; the concept of measure; measurement including the metric system; topics from intuitive geometry; exposure to algorithms and innovative methods of teaching mathematics to students with a wide range of abilities. Prerequisite: Mathematics 337.

MATHEMATICS 341 Calculus III **Four credit hours.**
Extension of the calculus to several variables, vector analysis, infinite series, and line integrals. Prerequisite: Mathematics 234.

MATHEMATICS 411-412 Mathematics Seminar
One credit hour each semester.
This course is designed to strengthen independent study habits in mathematics. Set theory and logic, the structure of the real numbers and their subsystems. Prerequisite: Mathematics 341.

MATHEMATICS 420 Materials and Methods in High School Mathematics
Two credit hours.
Does not count towards a major or minor in mathematics. Prerequisite: Mathematics 234, and 335 or 336.

MATHEMATICS 423-424 Internship in Mathematics **Two credit hours.**
A two part course designed to provide experience in laboratory approaches to the teaching of Mathematics. The course will cover such topics as the use of audio visual aids, programmed materials, and the designing of special mathematical activities to meet the needs of underprepared students. Prerequisite: Junior or Senior standing with a major or minor in Mathematics.

MATHEMATICS 431-432 Advanced Calculus
Three credit hours each semester.
A real variable approach to calculus. Prerequisite: Mathematics 341.

MATHEMATICS 433 History of Mathematics **Three credit hours.**
A study of the evolution of mathematics up to the present time. Creative problem solving is emphasized. Prerequisite: Mathematics 341.

MATHEMATICS 434 Elementary Differential Equations **Three credit hours.**
A general course in ordinary differential equations. Prerequisite: Mathematics 341.

READING IN MATHEMATICS

Qualified students in mathematics may take any of the following courses as individual independent study units. Under certain circumstances, any of these courses may take the form of a regular class. Prerequisite: consent of the instructor.

MATHEMATICS 315, 316, 415, 416 Independent Study in Mathematics
One to four credit hours.

MATHEMATICS 421	**Topics in Analysis**	**Two credit hours.**
MATHEMATICS 422	**Topics in Complex Variables**	**Two credit hours.**
MATHEMATICS 426	**Topics in Number Theory**	**Two credit hours.**
MATHEMATICS 429	**Topics in Statistics**	**Two credit hours.**
MATHEMATICS 436	**Topics in Numerical Methods**	**Three credit hours.**
MATHEMATICS 439	**Topics in Modern Algebra**	**Three credit hours.**

COMPUTER SCIENCE

The course of study, leading to a minor in Computer Science is designed to; (a) prepare students for advanced training programs conducted by employing firms, institutions, and agencies. (b) to prepare graduates for varied positions in Civil Service, private, industry, and educational institutions. (c) to acquaint students with the ever-expanding role played by computers in such varied fields as crime prevention, medical research, business-forecasting, economic analysis, information processing, and education. (d) to prepare undergraduates for on-the-job training and applications assignments in conjunction with the Cooperative Education pro-

gram jointly sponsored by Johnson C. Smith University and leading private industrial concerns. Six courses are required for a minor in computer science.

COMPUTER SCIENCE 231 Introduction to Programming Three credit hours.
Basic data processing concepts and facilities, flow charting techniques, programming business and scientific problems in FORTRAN and COBOL. Prerequisite: Mathematics 131 or equivalent.

COMPUTER SCIENCE 232 Intermediate Programming Three credit hours.
Sub-routines and function sub-programs, documentation, storage media, algorithms, survey of input-out devices. Advanced applications programming in FORTRAN, COBOL, and PL-I. Prerequisite: Computer Science 231.

COMPUTER SCIENCE 331 Mathematics for Data Processing Three credit hours.
Number systems, algorithms, iteration schemes, empirical equations, difference equations, matrix theory and applications, pseudo-random numbers, and statistical applications. Prerequisite: Six semester hours of college mathematics. Mathematics and Science majors may substitute three credit hours in Advanced Statistics or Econometrics for Computer Science 331.

COMPUTER SCIENCE 332 Real Time-Sharing Systems Three credit hours.
Telecommunications network organization, data access methods, queving techniques and disciplines, remote terminals, and error analysis. Prerequisites: Computer Science 231 and 232.

COMPUTER SCIENCE 431 Computer Theory and Logic Three credit hours.
Boolean algebra and witching circuits, number systems, encoders and decorders, simulation techniques, queve disciplines, and tape and disk storage methods. Prerequisites: Computer Science 231 and 232.

COMPUTER SCIENCE 432 Topics in Numerical Methods Three credit hours.
Error analysis, numerical calculus, finite differencies, matrix iterative analysis, approximations, systems of equations, numerical solutions of differential equations, and quadrature techniques. Prerequisites: Differential Calculus. Business and Accounting majors may substitute three credit hours in Econometrics for Computer Science 432.

PHYSICS

The courses in Physics are designed to train those who plan: (1) To do graduate work in Physics; (2) To enter industry; (3) To teach in Secondary or Technical Schools; (4) To obtain a general knowledge in the modern fields of descriptive and quantitative experimental Physics.

A major in Physics-Mathematics consists of a minimum of 23 semester hours of Physics, and 20 semester hours of Mathematics.

Physics requirements: 243, 244, 343, 344, 434, 442. The Physics Department may substitute other courses in Physics to satisfy the requirement in the Physics-Mathematics major. This information must be filed with the Registrar.

Mathematics requirements: 233, 234, 333, or 334, 336, 341, 421 or 431, and 424.

Chemistry requirement: 141-142.

A minor in Physics consists of the 23 semester hours of Physics in the Physics-Mathematics Major.

PHYSICS 131 Introductory Physics **Three credit hours.**
The elementary principles of physics are discussed at a level suited to the general student. An elementary knowledge for success in this course is necessary. Three hours of class work and a one two-hour laboratory work a week.

PHYSICS 235 Vector Analysis **Three credit hours.**
Gradient, divergence, curl and Laplican together with their physical significance, line and surface integrals; Gauss, and Stokes theorems; vectors in Cartesian, cylindrical and spherical polar coordinates. Physical application of matrices and tensors. Four one-hour lectures a week. Prerequisite: Mathematics 234.

PHYSICS 241 General Physics **Four credit hours.**
Mechanics, Heat and Sound. 3 hours lecture and 4 hours laboratory per week. Prerequisite: Trigonometry.

PHYSICS 242 General Physics **Four credit hours.**
Electricity, Magnetism, Light and Modern Physics. 3 hours lecture and 4 hours laboratory per week. Prerequisite: Physics 241.

PHYSICS 243 Mechanics **Four credit hours.**
A study of Statics, dynamics, and fluid mechanics. Three one-hour lectures and two two-hour laboratory period. Prerequisite: Mathematics 241.

PHYSICS 244 Waves and Acoustics **Four credit hours.**
A general detailed study of waves and acoustics. Three one-hour lectures and two two-hour laboratory periods.

PHYSICS 343 Electrodynamics **Four credit hours.**
Electricity and Magnetism. These topics are treated in detailed manner. Three one-hour lectures and two two-hour laboratory periods a week. Prerequisite: Physics 244.

PHYSICS 344 Optics **Four credit hours.**
A detailed study of geometrical and physical optics, wave nature of light, mirrors, lenses theory. Interference, diffraction and polarization are treated in detail. Three one-hour lectures and two two-hour laboratory periods a week. Prerequisite: Mathematics 233.

PHYSICS 412 Physics Seminar **One credit hour.**
Prerequisite: Consent of the instructor

PHYSICS 433 Kinetic Theory and Statistical Mechanics **Three credit hours.**
Introduction to Kinetic theory and statistical mechanics are treated in detail. Three one-hour lectures a week. Prerequisite: Physics 442.

PHYSICS 434 Nuclear Physics **Three credit hours.**
An introduction to Nuclear Physics. Three one-hour lectures per week. Prerequisite: Physics 442.

PHYSICS 435 X-rays **Three credit hours.**
Production, detection and properties of X-rays, Emission and absorption spectra related to Atomic Structure and Crystal Structure. Three one-hour lectures a week. Prerequisite: Physics 434.

PHYSICS 436 Solid State Physics **Three credit hours.**
An introduction to Solid State Physics. Three one-hour lectures a week. Prerequisite: Physics 434 and Mathematics 341.

PHYSICS 437 Relativity **Three credit hours.**
A detailed study of Einstein's Theory of Relativity. Three one-hour lectures a week. Prerequisite: Physics 343.

PHYSICS 438 Quantum Theory **Three credit hours.**
An introduction to Quantum Theory. Three one-hour lectures a week. Prerequisite: Physics 434 and Mathematics 424.

PHYSICS 439 Electronics **Three credit hours.**
An introduction to Electronics. Three one-hour lectures a week. Prerequisite: Physics 343.

PHYSICS 441 Thermodynamics **Four credit hours.**
Thermometry, expansion of solids, liquids and gases. Calorimetry. Laws of thermodynamics and their applications. Low temperature Physics. Three one-hour lectures and two two-hour laboratory periods a week. Prerequisite: Mathematics 233.

PHYSICS 442 Atomic and Molecular Physics **Four credit hours.**
An introduction to atomic and molecular Physics. Three one-hour lectures and two two-hour laboratory periods a week. Prerequisite: Physics 343.

PRE-ENGINEERING PROGRAMS

Johnson C. Smith University has two programs for Pre-Engineering studies.

I. A major in Mathematics may be expanded to include a concentration in physics, and chemistry with the expressed purpose of preparing the student to do graduate work in mathematics and physics or to enroll in a School of Engineering with advanced standing.

II. A student with a strong background in mathematics may complete the major part of the concentration in I within three years. The student may then transfer to an accredited engineering school. A student who follows this plan under the advice of the Division of Science and Mathematics is eligible for our Bachelor's degree when he obtains a Bachelor's degree in Engineering from an accredited school. This program includes: 8 semester hours of chemistry, 30 semester hours of mathematics, 12 semester hours of physics, and the completion of our General Education Requirement.

The People of JCSU

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Henry A. Hill, B.S., Ph.D., Sc.D.	Watertown, Massachusetts
***W. Hugh McEniry,** A.B., M.A., Ph.D.	Charlotte, North Carolina
Francis I. Parker, B.A., B.L.	Charlotte, North Carolina
Emery L. Rann, B.S., M.S., M.D.	Charlotte, North Carolina
Matthew J. Whitehead, A.B., M.A., Ed.D.	Washington, D.C.

Class of 1975

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Fred D. Alexander, A.B.	Charlotte, North Carolina
Clem E. Bininger, A.B., A.M., Th.D., D.D., L.H.D.	Fort Lauderdale, Florida
John D. Buckner, A.B., M.A.	St. Louis, Missouri
James E. Fogartie, A.B., B.D., M.A., Th.M., D.D.	Charlotte, North Carolina
William H. Dougherty B.B.A., C.P.A.	Charlotte, North Carolina
John Paul Lucas, A.B., M.A.	Charlotte, North Carolina

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James H. Hargett, A.B., B.D.	Maplewood, New Jersey
Luther H. Hodges, Jr., A.B., M.B.A.	Charlotte, North Carolina
Freeman R. Jones	Charlotte, North Carolina
Pettis Norman, A.B.	Dallas, Texas
Herman B. Smith, Jr., B.A., M.A., Ph.D.	Atlanta, Georgia
John B. Stedman, B.S.	Charlotte, North Carolina

Emeriti

James Egert Allen, A.B., A.M., LL.D.	New York, New York
William H. Barnhardt, B.Engin.	Charlotte, North Carolina
***Charles E. Bomar,** A.B., D.D.S., Sc.D.	South Orange, New Jersey
***J. W. Seabrook,** A.B., A.M., Ped.D.	Fayetteville, North Carolina
J. W. Smith, Sr., A.B., B.D., D.D.	Charlotte, North Carolina

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Mamie F. Melton	Clerk Typist
Daisy M. Timbers, B.S.	Stenographer

Library

Mattie S. Grigsby, B.S., M.S. in L.S.	Head Librarian
Jacqueline B. Dumas, B.A.	Assistant Librarian
Jo Ella C. Ferrell, B.A., M.S. in L.S.	Assistant Librarian
Mary C. Flowe, B.A., M.A., M.S. in L.S.	Assistant Librarian
Grace M. Gibson, B.S.	Secretary
Ernest L. James, Jr., B.A.	Coordinator, Multi-Media

Annie C. Lee, B.S., M.A.	Assistant Librarian
Maudice S. Livingston	Library Technician
Mildred W. Sanders, A.B., M.S. in L.S.	Assistant Librarian
Belinda Wang Lam, B.A., M.S. in L.S.	Assistant Librarian

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Sonia A. Brunston	Secretary, Office of Public Relations

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Jessie M. Robinson, B.S.	Secretary, Office of Alumni Affairs

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*****Cleveland C. James,** B.A.	Area Director for Men's Housing
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Rosa L. Land, B.A.	Women's Dormitory Director
Sallie E. Macon, B.A.	Women's Dormitory Director
Catherine B. Stephens, B.A.	Women's Dormitory Director
Barbara R. Worthy, B.A.	Women's Dormitory Director

Counseling Service

Calvin A. Hood, A.B., M.Div., M.A.	Director, Counseling & University Chaplain
Lewis C. Dowdy, B.A., M.S.	Counselor
Willie B. Mobley	Secretary, Counseling Service

*Serves both offices
**First Semester
***Second Semester

Financial Aid

Annette S. McClure, B.A.	Financial Aid Officer
Mary Helen Little	Secretary, Financial Aid Office
Carolyn M. Pitts, B.A.	Assistant Financial Aid Officer

Placement

Harold B. Winston, B.A.	Director, Career Planning and Placement
Pamela Lavonne Favors, B.S.	Secretary, Placement Office

Health Services

Gordon M. Wilkins, B.S., M.S., M.D.	University Physician
Chrysandra N. Halsey, G.N.	Head Nurse, Health Services
Juanita Y. DuBose, L.P.N.	Nurse, Health Services
Lillie B. Platts	Secretary, Health Services
Eloise B. Taylor, R.N.	Nurse, Health Services
Dollie B. McNeely, L.P.N.	Part-time Nurse, Health Services

Union

Joyce T. S. Crisp, B.A.	Director, University Union
Patra Adams, B.S.	Program Assistant
Herbert Gidney, Jr., B.S.	Assistant Director, University Union

Upward Bound

Hellena H. Tidwell, B.A.	Director
Otis Roberson, B.S.	Counselor
Linda G. Fleming	Secretary

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****Robert Darryl Carter,** B.S., M.A.	Chief Accountant
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***Arvindray K. Desai,** M.S.B.	Chief Accountant
Theresa D. Dalton	Cashier
Ramona B. Johnson	Secretary, Vice President for Financial Affairs/Student Accounts Clerk
Carolyn B. Smith, B.S.	Accounting Clerk
Sara G. J. Stewart	Personnel Officer
Dorothy Carroll Whitener, B.A.	Secretary, Office of Financial Affairs

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***Robert F. Moore,** B.S.M.E.	Physical Plant Director
Annie Ruth Brown	Secretary, Physical Plant

Book Store

Aurelia L. Law, B.S.	Manager, University Bookstore
Bernice W. Spence	Assistant Manager, University Bookstore

General Services

Lessie T. Deavers	Manager, University Post Office
Scoletta Mutts Stewart	Assistant Manager, University Post Office
Kay Taylor Watts	Switchboard Operator
Peggy A. M. Wright	Switchboard Operator

Faculty 1973-1974

Wilbert Greenfield B.S., A & T State University M.S., Ph.D., University of Iowa	**President**
Limone C. Collins B.S., M.S., Prairie View A. & M. College Ph. D., University of Iowa	**Vice President for Academic Affairs**
Joseph L. Alston B.S., M.S., North Carolina Central University	**Head Basketball Coach and Instructor, Physical Education**
Hazel Peace Amos B.A., Virginia State College M.Lit., University of Pittsburgh	**Instructor, English**
Nigel M. Ayton A.B., Howard University M.E., University of North Carolina Certificate, University of Paris	**Director, Freshman-Sophomore Studies and Associate Professor of French**
James D. Bass A.B., M.A., Florida State University	**Assistant Professor, Political Science and Head, Department of History and Political Science**
Ernestine M. H. Baylor B.A., B.L.S., North Carolina Central University M.E., Boston University	**Instructor, Speech and Drama**
William E. Bluford A.B., Virginia Union University M.A., University of Michigan	**Associate Professor, History and Director of Community Services**
Ralph P. Bohn B.S., Northwestern University M.Div., Princeton & Union Seminaries Ph.D., University of Edinburgh	**Professor and Head, Department of Philosophy and Religion**
****Joseph Lee Boyd** B.S., Univ. of South Carolina C.P.A. Certificate	**Specialist in Accounting**
Jack S. Brayboy B.S., Johnson C. Smith University M.S., Ed.D., University of Pennsylvania	**Vice President for Administrative Affairs and Professor of Physical Education**

**On leave first semester 1974-1975

Johnnie M. Bullock B.S., Howard University M.S., Atlanta University	**Instructor, Mathematics**
DeGrandval Burke B.S., M.Div., Johnson C. Smith University M.A., McCormick Theological Seminary	**Instructor, Religion**
Charlie Lucille Butler B.A., Fisk University M.A., Radcliffe College	**Assistant Professor, Music**
Samuel W. Byuarm B.A., Langston University M.A., State University of Iowa Ph.D., University of Illinois	**Professor and Head, Department of Sociology, Chairman, Division of Social Sciences**
Riley R. Cabiness A.B., Johnson C. Smith University M.A., Columbia University Ph.D., New York University	**Associate Professor and Acting Head, Department of Education**
Baldeo K. Chopra B.S., M.S., College of India Ph.D., Auburn University	**Associate Professor, Biology**
Winson R. Coleman A.B., Penn College A.M., Haverford College Ph.D., University of Chicago	**Professor, Philosophy and Chairman, Division of Humanities**
Herman L. Counts A.B., M.Div., Johnson C. Smith University A.M., McCormick Theological Seminary	**Professor, Philosophy**
Charles R. Cox B.S., Claflin College M.S., West Virginia University	**Swimming Coach and Instructor, Physical Education**
Jean C. Cozart B.A., Howard University M.A., Columbia University	**Instructor, English**
Frank E. Crabtree B.S., M.A., Fordham University Ph.D., Emory University	**Associate Professor Sociology**

Marvin W. Davenport — **Assistant Professor, Music and Band Director**
B.A., North Carolina Central University
M.Mus., University of Michigan

Juanita Davidson — **Specialist in Social Welfare**
B.A., Dillard University
M.S.W., Atlanta University

Mack L. Davidson — **Associate Professor and Head, Department of Business Administration and Economics**
A.B., Johnson C. Smith University
M.B.A., Atlanta University

Virginia J. Davidson — **Assistant Professor, English**
B.A., Rivies College
M.A., University of Wisconsin

Lloyd H. Davis — **Associate Professor, Education**
A.B., St. Augustine's College
M.Ed., Boston University

****N. V. Desai** — **Assistant Professor, Business Administration and Economics**
B.A., Sardarpatel
M.A., M.S.M.E., North Carolina State University

Frank DeFelice — **Associate Professor Business Administration**
B.A., Michigan State Univ.
M.B.A., University of N.C.
Ph.D., University of N.C.

Ossibelle B. Dixon — **Instructor, Physical Education**
A.B., Shaw University
M.S., North Carolina Central University

Ahmed El-Dersh — **Associate Professor Economics**
B.Com., Alexandria University
M.A., Alexandria University
Ph.D., Syracuse University

Foster T. Drakeford — **Assistant Professor, Physics**
B.S., Livingstone College
M.S., Howard University

Joella C. Ferrell — **Assistant Librarian**
B.A., Johnson C. Smith University
M.S. in L.S., Atlanta University

Mary C. Flowe — **Assistant Librarian, Curriculum Materials Librarian**
B.A., Johnson C. Smith University
M.A., New York University
M.S. in L.S., University of North Carolina at Chapel Hill

**On leave 1973-1974

Joan Daughtry Forney B.S., Johnson C. Smith University M.Ed., Boston University	**Instructor, Elementary Education**
Flossie A. Foxx B.A., M.A., Howard Univ. Ph.D., Columbia Univ.	**Assistant Professor Head Dept.**
***Sidney L. Freeman** B.S., University of Wisconsin M.A., Bowling Green State University Ph.D., Cornell University	**Assistant Professor, English**
Joseph A. Gaston B.A., M.Div., Johnson C. Smith University M.A., University of Denver Ph.D., Michigan State University	**Dean of Student Affairs and Assistant Professor, Psychology**
Boyd J. Gatheright B.S., Knoxville College M.S., State University of Iowa	**Associate Professor and Head, Department of Mathematics, Acting Chairman, Division of Mathematics and Sciences**
Israel J. Gerber B.A., Yeshiva University M.S., City College of New York Ph.D., Boston University	**Professor, Psychology**
Shirley A. Goodman B.A., AIMA College M.Ed., University of North Carolina Ph.D., University of North Carolina	**Assistant Professor, Psychology**
Edythe R. Grady B.S., in Business, B.S., in Music and Organ, Hampton Institute S.M.M., Union Theological Seminary Professional Diploma, Columbia University	**Associate Professor, Music and University Organist**
Mattie S. Grigsby B.S., Johnson C. Smith University M.S. in L.S., North Carolina Central University	**University Librarian**
George F. Henry B.S., M.S., North Carolina Central University	**Instructor, Biology**

Eugene L. Hermitte A.B., Standford University Ph.D., North Western University	**Assistant Professor, History**
Mary Hilgers B.A., Dominican College M.A., Harvard University Ph.D., University of Notre Dame	**Assistant Professor English**
Ione G. Jones A.B., Johnson C. Smith University M.A., University of Wisconsin	**Instructor, English**
Lonnie W. Keith B.S., Johnson C. Smith University M.S., Ph.D., Kansas State University	**Assistant Professor, Statistics and Mathematics**
William A. Keith B.S., Florida A & M Univ. M.S., Kansas State Univ. Ph.D., Kansas State Univ.	**Professor and Head, Department of Biology**
Christopher W. Kemp B.S., Hampton Institute Mus.M., University of Michigan	**Professor and Head, Department of Music**
Belinda Wang Lam B.A., Providence College, Taichung, Taiwan M.S. in L.S., Atlanta University	**Assistant Librarian**
James Roland Law A.B., Lincoln University A.M., New York University Ph.D., Duke University	**Professor, Psychology and Chairman, Division of Education and Psychology**
Bessie H. Ledbetter A.B., Benedict College M.A., Northwestern University	**Instructor, English**
J. A. Lockett A.B., Morehouse College M.B.A., Atlanta University	**Assistant Professor, Business Administration and Economics**
Eddie C. McGirt B.S., Johnson C. Smith University M.A., Columbia University	**Director of Athletics, Head Football Coach and Associate Professor, Physical Education**
John D. Marshall B.S., S.C., State University M.S., Indiana University	**Assistant Professor Physical Education, Football Coach**

****Edward Willis Milner** B.S., Davidson College B.D., Columbia Theological Seminary M.S., Divinity School, University of Chicago	**Associate Professor, Communication Skills**
Edmund T. Moore, Jr. B.S., Johnson C. Smith University M.A., Trinity College	**Assistant Professor, Mathematics and Computer Science**
Vietta E. Neal A.B., Texas College M.A., University of Michigan	**Associate Professor and Acting Head, Department of Chemistry**
Henrietta T. Norris A.B., Jackson College M.A., Atlanta University	**Assistant Professor, Elementary Education**
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Rufus G. Pettis B.S., Benedict College M.S., Atlanta University Ed.D., Oklahoma State University	**Professor, Mathematics**
Manuel P. Platas Ped.D., University of Havana M.A., University of North Carolina	**Assistant Professor, Spanish**
Kenneth S. Powell B.S., Johnson C. Smith University M.A., New York University	**Track Coach and Assistant Professor, Physical Education**
Maria P. Prado B.E., Escuela Normal para Maestras de la Habana, Havana, Cuba Ped.D., University of Havana M.A., St. John's University	**Instructor, Spanish**
Ennie Mae Pridgen B.S., Fayetteville State University M.A., New York University	**Assistant Professor, Reading**

*First Semester
**On leave first semester 1974-1975

Coleman D. Rippy A.B., Paine College M.A., Columbia University	**Assistant Professor, Sociology and Director of Undergraduate Social Welfare**
Charles D. Rogers B.A., California State College M.A., The Ohio State University	**Instructor, Art**
Huey M. Rowe-Anderson B.S., Union College M.A., Ph.D., University of Nebraska	**Associate Professor, Chemistry**
Lena M. Sammons B.A., Johnson C. Smith University M.Ed., University of North Carolina at Chapel Hill	**Instructor, Communitcation Skills**
Mildred W. Sanders B.A., Johnson C. Smith University M.A., University of North Carolina at Chapel Hill	**Assistant Librarian**
****Maxine F. Scott** B.A., Johnson C. Smith University M.A., University of North Carolina at Chapel Hill	**Instructor, English**
John C. Sekyi B.A., Stillman College M.Div., Johnson C. Smith Univ. M.A., University of Cincinnati M.A., University of Illinois Ph.D., University of Illinois	**Associate Professor Political Science**
Edwin Thompkins B.S., Johnson C. Smith University M.Div., A.M., Lincoln University S.T.M., Pittsburgh Theological Seminary Ed.M., Ph.D., University of Pittsburgh	**Professor, Education**
Bettye C. Walker A.B., Talladega College M.A., University of Iowa	**Instructor, Music**
Violet Garrett Washington A.B., Talladega College M.S., Atlanta University	**Instructor, Biology**
Elsie E. Woodard A.B., Bennett College M.A., University of Michigan	**Assistant Professor, English**

**On leave 1974-1975.

Hampton Wright B.S., Benedict College M.S., Howard University Ph.D., N.C. State University	**Associate Professor, Mathematics**

Clinical Faculty, Medical Technology Program

A. Hugh Altvater M.D.	**Associate Pathologist, Mercy Hospital School of Medical Technology**
Howard T. DeHaven M.D.	**Chief Pathologist and Director, Mercy Hospital School of Medical Technology**
Sister M. Veronica Schumacher M.S., M.T. (ASCP)	**Educational Coordinator, Mercy Hospital School of Medical Technology**

Part-Time Instructors, Assistants, Consultants, Coordinators, 1973-1974

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Elizabeth Chafin	**Political Science**
Barbara W. Davis	**Journalism**
Nancy Golson	**Early Childhood**
Ernest L. James	**Coordinator, Multi-Media**
Betty M. McLaurin	**Early Childhood**
Joyce McGriff	**Economics & Business Administration**
Henrietta S. Rhedrick	**English**
B. D. Roberts	**Geography**
Julia H. Saunders	**Early Childhood**

New Doorways To Teaching And Learning

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Elizabeth M. Graham	**Referee**
Willie G. Pettis	**Referee**
Ronald Shelton Swann	**Referee**

New Faculty Members, 1974-1975

Helen C. Othow — **Associate Professor of English and Acting Chairman, Division of Humanities**
B.A., St Augustine's College
M.A., North Carolina Central University
Ph.D., University of Wisconsin

Part-Time

Michael L. Materson — **Psychology**
B.A., St. Benedict's College
M.A., University of Nevada
Ph.D., University of Nevada

DEGREES—1973

BACHELOR OF ARTS

Summa Cum Laude

Philemina Oneida McNeill ..... Reidsville, North Carolina

Magna Cum Laude

Joyce Louise Green ..... Fieldale, Virginia
Dorothy Marie Mintz ..... Orangeburg, South Carolina

Cum Laude

Joyce Ann Ballard ..... Charlotte, North Carolina
Ozzie Lee Black, Jr. ..... Miami, Florida
Juanita Roberta Bradford ..... Hartsville, South Carolina
Yolanda Dorthea Brewton ..... Asheville, North Carolina
Martha Ann Jeter Caldwell ..... Charlotte, North Carolina
*Gwendolyn Angelina Cobb ..... Lyons, Georgia
Patricia Elizabeth Coley ..... Dudley, North Carolina
Theodore Kelvin Crenshaw ..... Brodnax, Virginia
Nancy Reid Davis ..... Pineville, North Carolina
Sharon Lorraine Gilbert ..... Miami, Florida
Elwood Green, Jr. ..... Farwood, New Jersey
Theresa Ann Howell ..... Akron, Ohio
*Su Hae Kang ..... Chicago, Illinois
Joyce Lee Pressley ..... Williamston, South Carolina
Angela Evon Pruitt ..... Taylors, South Carolina
Cassandra Eugenea Reynolds ..... Ridgeway, Virginia
Genevenia VanDoren Robinson ..... Greenville, South Carolina
Brenda Kay Shepard ..... Jacksonville, North Carolina
Gary Mitchell Stevenson ..... Shelby, North Carolina
**Dorothy Ann Toney ..... Bishopville, South Carolina
Constance Geneva Williams ..... Riegelwood, North Carolina
Paul Kenneth Wright ..... Elizabethtown, North Carolina

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*Emma Mae Bass ..... Bunnlevel, North Carolina
Marilyn Ann Beck ..... Winston-Salem, North Carolina
**Garry Kenneth Bond ..... Bronx, New York
**Barbara Ann Boulware ..... Charlotte, North Carolina
Clarica Delores Boyce ..... Morganton, North Carolina
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**John William Brown, Jr. ..... Englewood, New Jersey
Robert Brown ..... Charlotte, North Carolina
Marcia Ann Bynoe ..... St. Albans, New York
*Rachel Martina Byrd ..... Spartanburg, South Carolina
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**James Michael Covington ..... Graham, North Carolina
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Janice Elliott Cross ..... Spring Lake, North Carolina
Mable Lee Culp ..... Charlotte, North Carolina
Hester Marshall Cunningham ..... High Point, North Carolina
Joyce Dean Cureton ..... Waxhaw, North Carolina
Roy Dixon, Jr. ..... Charlotte, North Carolina
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George Edward Evans ..... Florence, South Carolina
**Matthew Evans ..... Charlotte, North Carolina
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*William Author Evans ..... Charlotte, North Carolina
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Harriett Harris ..... Memphis, Tennessee
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Jennifer Catherine Simmons ..... Whiteville, North Carolina
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Aloha Hall Wilson ..... Charlotte, North Carolina
Harriet Wyatt ..... Newark, New Jersey

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Magna Cum Laude

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Cum Laude

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*Fred Young, Jr. ..... Newark, New Jersey

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*Summer, 1972
**Winter Semester, 1972-73

GENERAL NUMERICAL SUMMARY OF STUDENTS 1973-1974

Class	Men	Women	Total	Working Toward Degree
SENIOR	97	98	195	
JUNIOR	64	70	134	
SOPHOMORE	177	105	282	
ADVANCED FRESHMAN	110	63	173	
FRESHMAN	199	186	385	
UNCLASSIFIED	4	2	6	
SPECIAL	2	7	9	
TOTAL—REGULAR	653	531	1184	1175
SUMMER SESSION	131	105	236	207
TOTAL—REGULAR/SUMMER SESSION	784	636	1420	1382
DUPLICATIONS—SUMMER SESSION	108	78	186	186
TOTALS—YEAR	676	558	1234	1196

GEOGRAPHICAL DISTRIBUTION OF STUDENTS 1973-1974

STATE	MEN	WOMEN	TOTAL
ALABAMA	5	3	8
CALIFORNIA	2	1	3
COLORADO	2	0	2
CONNECTICUT	3	2	5
DELAWARE	3	4	7
DISTRICT OF COLUMBIA	20	7	27
FLORIDA	28	15	43
GEORGIA	10	13	23
ILLINOIS	10	4	14
INDIANA	3	0	3
MARYLAND	11	4	15
MICHIGAN	8	2	10
MISSISSIPPI	1	0	1
MISSOURI	0	2	2
NEVADA	2	0	2
NEW JERSEY	29	19	48
NEW YORK	72	41	113
NORTH CAROLINA	213	196	409
OHIO	9	5	14
PENNSYLVANIA	41	20	61
SOUTH CAROLINA	140	152	292
TENNESSEE	3	2	5
VIRGINIA	25	36	61
WEST VIRGINIA	0	1	1
FOREIGN COUNTRIES:			
AFRICA	10	1	11
ENGLAND	0	1	1
INDIA	2	0	2
ISRAEL	1	0	1
TOTALS	653	531	1184

INDEX

Academic Status / **35**
Accreditation / **9**
Admissions / **29**
Advance Standing / **30**
  Formal Application / **29**
  Readmission / **31**
Area of Accounting / **68**
Area of Communications / **50**
Area of Economics / **67**
Area of Language and Writing / **45**
Area of Literature / **46**
Area of Marketing / **69**
Area of Teaching of English / **48**
Athletics / **24**

Board of Trustees / **106**
Buildings / **11**

Calendar / **3**
Classification of Students / **37**
Communication Arts / **49**
Community Services / **112**
Counseling and Testing / **15**
Course Examinations / **36**

Degrees / **43**
Department of Biology / **94**
Department of Business Administration and Economics / **66**
Department of Chemistry / **97**
Department of Education / **78**
Department of English / **44**
Department of Foreign Languages / **53**
Department of History and Political Sciences / **70**
Department of Mathematics and Physics / **99**
Department of Music / **56**
Department of Philosophy and Religion / **61**
Department of Physical Education and Health / **88**
Department of Psychology / **92**
Department of Sociology and Social Welfare / **74**
Division of Education and Psychology / **78**
Division of Mathematics and Sciences / **94**
Division of Social Sciences / **65**

English Proficiency / **42**

Faculty / **113**
Financial Aid / **19**
Financial Information / **25**
  Fees / **26**
  Refunds / **27**
Foreign Language Requirement / **41**

General Education Program / **39**
Grades / **33**
Graduation Requirements / **40**

Health and Accident Insurance / **17**
History / **5**
Honors List / **34**
Honors Program / **37**
Housing / **15**
Housing Deposits and Assignments / **16**
Humanities / **44**

Location / **10**

Major Programs / **42**
Medical Technology / **97**
Membership / **2**
Membership in the University / **23**

Office of Financial Affairs / **111**
Officers of Administration / **107**

Placement / **22**
Political Science / **72**
Pre-Engineering Programs / **105**
Publications / **14**
Purpose and Objectives / **8**

Quick Reference Directory 1974-1975 / **Inside Back Cover**

Regulations and Standards / **23**
Religious Life / **15**
Representatives to the Board of Trustees / **106**

Standards of Student Life / **14**
Student Activities / **17**

Student Affairs / **14**
Student Health Services / **16**
System of Course Numbers / **44**

Teacher Certification / **45**
Transfer of Credit / **34**
Transfer Students / **30**

University Union / **18**

Warning, Probation, and Dismissal / **36**
Withdrawal / **35**

NOTES

JOHNSON C. SMITH

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